

Agricultural Marketing Service



United States Department of Agriculture

Please select an item from the choices on the left.

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See the Change History Section for details

Introduction

1.1 Livestock Mandatory Price Reporting Overview

In October 1999, President Clinton signed the Livestock Mandatory Reporting Rule Act of 1999 (The Act). The Act mandated the Secretary of Agriculture to produce national reports pertaining to the marketing of cattle, swine and lamb, as well as commodity breakdowns of such livestock. The Act requires the United States Department of Agriculture (USDA) to provide this information (summarized) to the public. The USDA's Agricultural Marketing Service (AMS) has been tasked with complying with The Act through its Livestock and Grain Market News, Market News Communications System (MNCS).

Under The Act, certain livestock packers, processors, and importers, specifically those organizations meeting or exceeding volume thresholds established for each type of livestock, are required to report this information on a daily and weekly basis. The Act also establishes the format and content for the information to be reported – sixteen (16) livestock reporting forms. To comply with The Act, AMS has developed the Livestock Mandatory Price Reporting (MPR) system. This document describes the use and format of this system.

1.2 Purpose and Use

The purpose of this document is to provide the meat packing plants, required by law to submit livestock and meat data to the USDA MPR system, with a user's guide on how to submit their data.

1.3 Industry Reporting Methods

The USDA provides two methods for meat packing plants to transmit mandatory livestock data to the MPR system. These two methods are in the following subsections.

1.3.1 MPR Industry Web Interface

This web interface module allows the meat packing plants to input and transfer mandatory price reporting data to the USDA using a web browser. It is available over the Internet, although in order to submit data, a plant must have a valid user ID and password given by the USDA and a valid PKI certificate that is validated via the MPR Web Server and the third party Certificate Authority (CA)-VeriSign. This web interface emulates the official USDA MPR Livestock forms. Section 2 of this guide describes in detail how to use the web interface.

1.3.2 MPR Electronic Data Transfer

USDA provides a utility to transfer comma-delimited ASCII data files containing mandatory livestock data directly to the MPR system. Using this utility, a meat packing plant creates the necessary data files (based on USDA file formats) utilizing their own

information systems. For large meat packing plants, this will expedite the effort considerably. The MPR electronic data transfer allows the user to upload a comma-delimited data file to the USDA from the USDA-AMS web page, which is accessed through the plant site workstation browser, a valid user ID and password and a validated PKI certificate.

MPR Industry Web Interface User's Guide

2.1 MPR Industry Web Interface User's Guide

The MPR web interface provides a web-based user interface that facilitates both the data entry of the mandatory livestock data into properly formatted data files and transmits the data files to USDA via the Internet and the Secure Hypertext Transfer Protocol (HTTPS). The graphical user interface is simple and friendly and provides data validation.

2.2 System Requirements

The web application was developed for Internet Explorer 5.0 or higher. The Windows operating system build should be Windows 95 OSR 2.1. In the system control panel, it will read 4.00.950 B.

To check your browser encryption level:

1. From Internet Explorer, select the *Help* menu.
2. Click on *About Internet Explorer*.
3. If the Cipher Strength is less than 128-bit, click on *Update Information* and follow the detailed steps to update the level of your encryption.

Windows 2000 is set to a default level of 56-bit encryption at the operating system level, if you are using Windows 2000, follow the steps below to update the operating system encryption level:

1. From Internet Explorer, select the *Help* menu.
2. Click on *About Internet Explorer*.
3. Click on *Update Information*.
4. Click on *Windows 2000 High Encryption Pack*.
5. Follow the detailed steps from the Microsoft website to update your encryption level.

2.3 Connecting to the MPR System

To connect to the MPR System the plant site user will need to procure the required Public Key Infrastructure (PKI) certificate from VeriSign by providing VeriSign the necessary information as detailed in Appendix C, Generating, Acquiring, and Installing Client Certificates. Following this process and installation of the certificate the user can proceed in connecting to the MPR System.

1. Launch Internet Explorer.
2. Type in the web address to access the MPR system in the Address bar (<https://mpr.ams.usda.gov>). You will be directed to a screen like the one below in Figure 2.3-1:

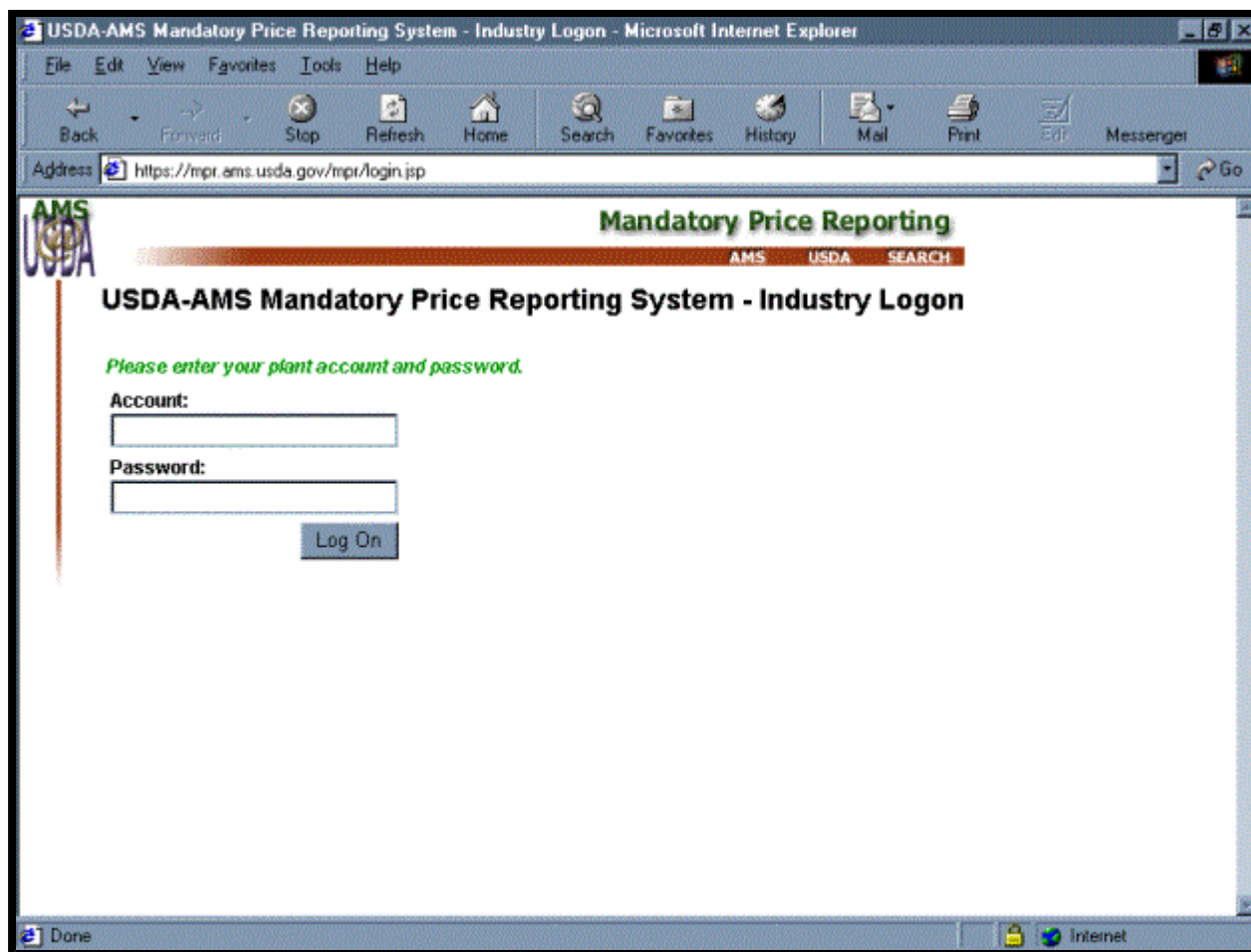


Figure 2.3-1: Industry Logon

If you do not have a valid PKI certificate, you will receive an error like the one shown in Figure 2.3-2.

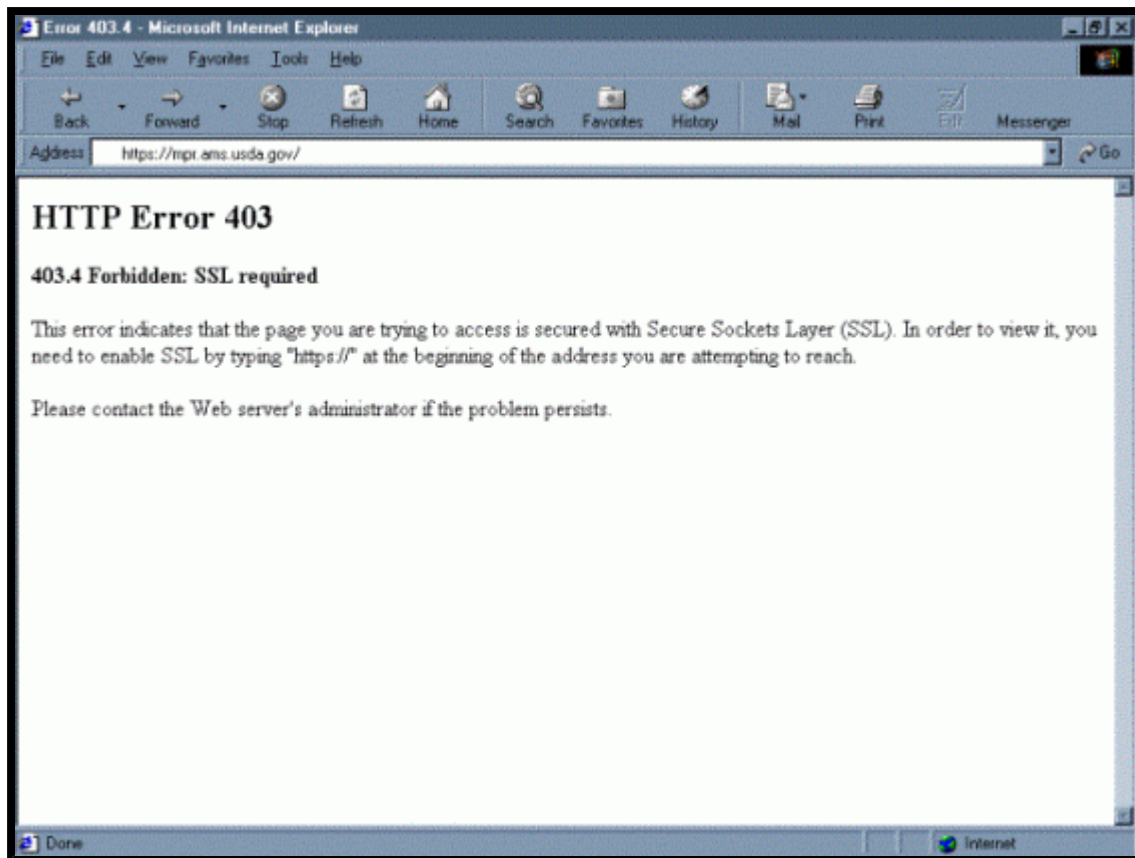


Figure 2.3-2: Invalid Certificate Error

3. Enter your account ID in the *Account* field and your password in the *Password* field.
4. Click the *Log On* button. If you have entered your account ID and password correctly, you will be taken to the Main Menu. Otherwise, a pop-up screen like Figure 2.3-3 will appear stating that you have entered either an invalid user name or an invalid password. If this happens, click *OK* on the pop-up menu and reenter your information.



Figure 2.3-3: Logon Error Message

The USDA will maintain user IDs and passwords. To modify a user ID or password, you must contact the USDA. If an issue exists with the PKI certificate, contact your certificates provider.

2.3.1 *USDA Contact Information*

If any issues arise, you may call the toll-free number below for assistance:

- 866-228-1309

2.4 MPR Main Menu

The Main Menu screen looks like Figure 2.4-1 below:

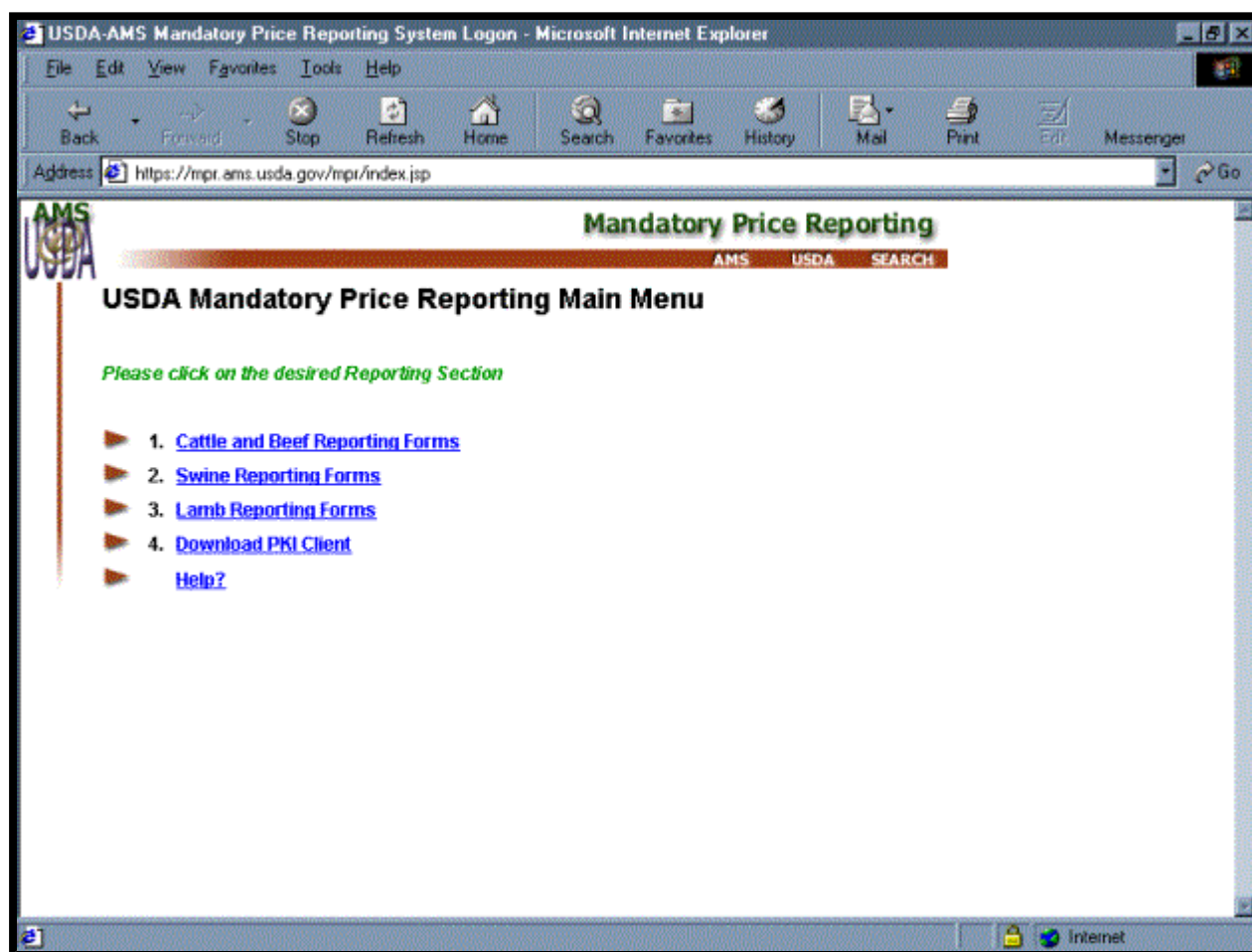


Figure 2.4-1: Main Menu

2.4.1 *Toolbar*

On the upper part of the screen, you will see a red toolbar with three links on it:

1. AMS – A link to the AMS website.
2. USDA – A link to the USDA website.
3. SEARCH – A link to the AMS search tool.

This toolbar will remain in your web browser, giving you access to the links regardless of where you are within the website.

2.4.2 Reporting Forms

The main menu has four sections that you may select from:

1. Cattle and Beef Reporting Forms
2. Swine Reporting Forms
3. Lamb Reporting Forms
4. Download PKI Client

The first three are links that take you to their respective reporting forms. The fourth link downloads the PKI client.

2.5 Downloading the PKI Client

The PKI client program will allow you to sign and send your data securely over the Internet. In order for the MPR system to correctly function, you must first download the PKI client.

To download and install the PKI client:

1. Click on the *Download PKI Client* link.
2. When the file download pop-up window opens, select *Save to Disk*, and save the application to your desktop.
3. After the application is downloaded, open the application from your desktop to install the program.

After the installation process has finished, you may be prompted to reboot your computer, if this happens, you may begin to use the MPR system after rebooting your computer, otherwise you may use it immediately.

2.6 Cattle, Swine, and Lamb Reporting Forms Menu

If you choose any of the reporting forms links from the main menu, then you will be taken to a page that resembles Figure 2.6-1 below (in this case, the Cattle and Beef Reporting Forms Menu):

USDA Mandatory Price Reporting Cattle Menu

Please click on the desired Reporting Form

Populated Records:

Form Selection	Form Title	Populated Records
<input type="checkbox"/> Select All Forms		
<input type="checkbox"/> Daily Forms		
<input type="checkbox"/> 1.	Form LS-113 Live Cattle Daily Report (Current Established Prices)	0
<input type="checkbox"/> 2.	Form LS-114 Live Cattle Daily Report (Committed and Delivered Cattle)	0
<input type="checkbox"/> Daily Boxed Forms		
<input type="checkbox"/> 1.	Form LS-126 Boxed Beef Daily Report	0
<input type="checkbox"/> Weekly Forms		
<input type="checkbox"/> 1.	Form LS-115a Live Cattle Weekly Report (Forward Contract and Packer-Owned) Prior Week Slaughtered Cattle Head Counts	0
<input type="checkbox"/> 2.	Form LS-115b Live Cattle Weekly Report (Forward Contract and Packer-Owned) Slaughtered Packer-Owned Cattle	0
<input type="checkbox"/> 3.	Form LS-115c Live Cattle Weekly Report (Forward Contract and Packer-Owned) Forward Contract Purchased Cattle	0
<input type="checkbox"/> 4.	Form LS-116 Live Cattle Weekly Report (Formula Purchases)	0
<input type="checkbox"/> 5.	Form LS-117 Cattle Premiums and Discounts Weekly Report	0

Submit Clear

[Main Menu](#)
[Help?](#)

Figure 2.6-1: Cattle Reporting Forms Menu

The forms menus are divided into two sections: The *Daily Forms* section and the *Weekly Forms* section. Each form is labeled by its USDA form title (e.g., LS-126) followed by the complete name of the form (e.g., Boxed Beef Daily Report). By clicking on any of the form links, you will be taken to a page showing the respective form.

On the right-hand side of the screen you will see a column called *Populated Records*. This column shows you how many records you have entered *and* saved in the respective form. The *Populated Records* column is a good way to review whether you have entered *and* saved all the records that you intend to send to the USDA.

On the bottom left of the screen, you will see a *Submit* button. Clicking on this button will download the data that you have submitted via the web interface. Save the file that is to be downloaded to your desktop

and open the PKI client to electronically sign and send the data. This is vital because the saved data can not be used by the MPR system until the data has been signed by your PKI certificate. Make sure that all the data in the web forms are correct prior to submitting them to the USDA.

To the right of the *Submit* button, there is a *Clear* button. This button is used to delete the saved records of forms. Simply select the form that you would like to empty and click the *Clear* button. Once the data for a form has been deleted, it can not be recovered.

If you would like to go back to the main menu, click the link labeled *Main Menu* under the *Submit* button at the bottom left of the screen. If you need assistance, click the *Help* link under the *Main Menu* link at the bottom left of the screen.

2.6.1 *Entering Data in to a Form*

When you click on any one of the form links, you will be taken to an MPR form that resembles Figure 2.6.1-1 below [in this case, Form LS-114 - Live Cattle Daily Report (Committed and Delivered Cattle)]:

Form LS-114 - Microsoft Internet Explorer

Address: <http://mpr.ams.usda.gov/LS114.jsp>

UNITED STATES DEPARTMENT OF AGRICULTURE
Agricultural Marketing Service
LIVE CATTLE DAILY REPORT
(Committed and Delivered Cattle)

FORM APPROVED - OMB NO. 0581-0186

Note: According to the Paperwork Reduction Act of 1995, an agency may not

Section 1

1. Identification Number: 180
 2. Company Name: Pinnacle Food Group
 3. Plant Street Address: 3946 South Normal Ave
 4. Plant City: Chicago
 5. Plant State: IL
 6. Plant Zip Code: 60609
 7. Contact Name
 8. Phone Number: XXXXXXXX

Section 2

(To change plant information, please contact your USDA-AMS administrator at (816)238-0678.)

9. Reporting Date (mm/dd/yyyy): 01/19/2001
 10. Reporting Time: 2:00 p.m.
 11. Lot Identification
 12. Purchasing Basis
 13. Source
 14. Purchase Type Code
 15. Class Code
 16. Selling Basis
 17. Head Count
 18. Origin (state postal)
 19a. Packer Financing
 19b. Delivery Location
 19c. Delivery Date
 19d. Delivered

Section 3

Section 4

LS-114 (07-00) Save New Page Go To Page 1 of 1 Cattle Menu Main Menu Help?

Figure 2.6.1-1: The Layout of a Web Form

You will notice three horizontal lines separating the form into four sections. Each form is divided into these four sections. Every section with the exception of the third, which contains the reporting data fields, will

remain relatively constant.

First Section:

The top center section of every form, as shown in Figure 2.6.1-2, contains the USDA (AMS) heading. To the right of that, there is an OMB number that signifies that this form has been approved by the proper authorities as a valid process of data collection for Livestock Mandatory Reporting. Below that, there is a note box that you should read the first time you use the system. You may scroll through the note by pressing the up and down arrows on the right side of the box (on the scroll bar). By using the system, you acknowledge that you have read and understood the note.

USDA AMS Heading

Valid OMB Form Number

USDA

UNITED STATES DEPARTMENT OF AGRICULTURE
Agricultural Marketing Service

LIVE CATTLE DAILY REPORT
(Committed and Delivered Cattle)

FORM APPROVED. - OMB NO. 0581-0186

Note: According to the Paperwork Reduction Act of 1995, an agency may not

Note Box

Scroll Bar for the note box

Figure 2.6.1-2: Section 1

Second Section:

The second section of the page, Figure 2.6.1-3, contains various bits of information about your company. This information should be kept up-to-date at all times. Since only authorized USDA personnel can change this section, if you would like to change any of this information, you must contact authorized USDA personnel.

1. Identification Number	sa	5. Plant State	VA
2. Company Name	John's Beef	6. Plant Zip Code	22033
3. Plant Street Address	543 Wide Rd	7. Contact Name	John Doe
4. Plant City	Fairfax	8. Phone Number	(703)555-5432

Figure 2.6.1-3: Section 2

Third Section:

The third section of the form is where you enter all of the data pertaining to the report. There are two columns in each form. The items are in sequence, starting at the top of the left column, moving down and then continuing from the top of the right column and going down. Click on the first item that you would like to enter data into, and type in your information. (The following screen shot, Figure 2.6.1-4, is of Form LS-114 – Live Cattle Daily Report (Committed and Delivered Cattle); screens of other forms are similar.):

(To change plant information, please contact your USDA-AMS administrator.)

9. Reporting Date (mm/dd/yyyy)	09/21/2000	16. Selling Basis	<input type="text"/>
10. Reporting Time	2:00pm Central	17. Head Count	<input type="text"/>
11. Lot Identification	<input type="text"/>	18. Origin (state postal)	<input type="text"/>
12. Purchasing Basis	<input type="text"/>	19a. Packer Financing	<input type="text"/>
13. Source	<input type="text"/>	19b. Delivery Location	<input type="text"/>
14. Purchase Type Code	<input type="text"/>	19c. Delivery Date	<input type="text"/>
15. Class Code	<input type="text"/>	19d. Delivered	<input type="text"/>

Figure 2.6.1-4: Section 3

Some forms contain dropdown boxes. Dropdown boxes are recognizable by the presence of arrows on the right side of the box. You may click on this arrow to see a list of the possible choices, then click on the one that pertains to you. Figure 2.6.1-5 shows an example of a drop down box.

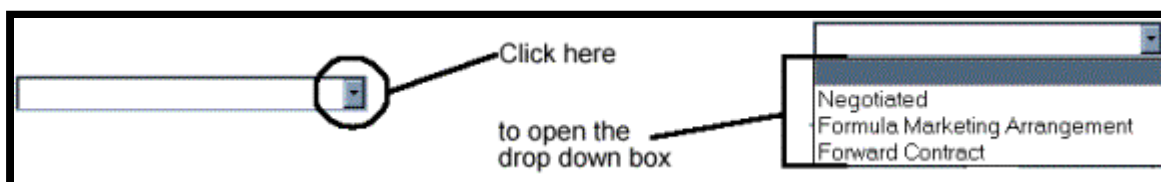


Figure 2.6.1-5: A Dropdown Box

When you have completed an information box, either click on another box or press the *TAB* key. Pressing the *TAB* key will take you from the information box that you are currently on, to the next information box in numbered order. If you go too far, you may go back by pressing the *TAB* key while holding down the *SHIFT* key. (Note: All forms can be completed without the use of a mouse).

A pop-up window will appear if you have entered an invalid data type format. Figure 2.6.1-6 shows a pop-up window indicating that an error has occurred on 'Form LS-113.' The picture also reveals that the invalid data entered was '12X,' the valid field data format is in the form of '999.9,' and the data field is '% Choice or Better.'

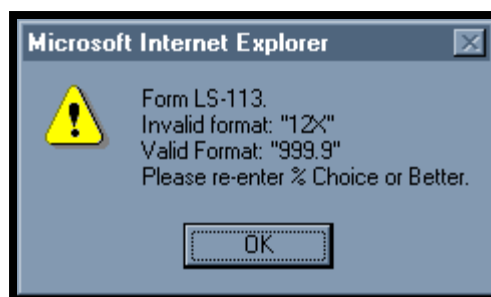


Figure 2.6.1-6: Invalid Data Type Pop-up Window

If you have entered a value within the correct format for a data field, but outside of the valid data range for the field, a pop-up window will open to state the valid values of the data field. For example, if you enter the value '200.0' in the '% Choice or Better' field, a pop-up window (shown in the picture below) will open. This pop-up reveals that on form LS-113, the '% Choice or Better' field must be greater than 0.0% and less than 100.0%.

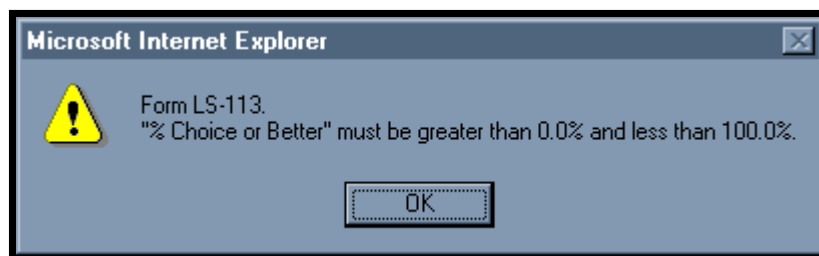


Figure 2.6.1-7: Invalid Data Range Pop-up Window

Fourth Section:

Once all data have been entered for a particular form, you may move down to the fourth and final section of the screen. When reading this section, please note that each separate record that you enter data into is considered a single page.

For the fourth section, depending on the reporting form you are viewing, you will see one of two possible alternatives.

1. Single Forms and Forms with Sections B or C:

If you are using a form that has only one part, or you are using either parts B or C of a form with multiple parts, then section four will look like the Figure 2.6.1-8 shown below when entering information in the first form:

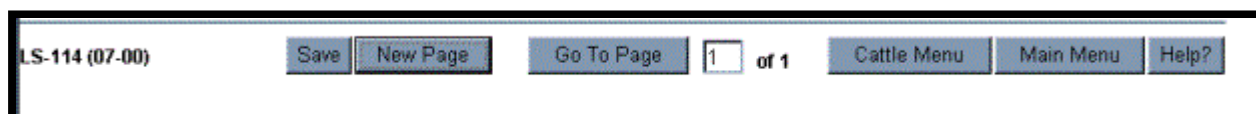


Figure 2.6.1-8: Initial Section Four

After finishing with the first form, you may enter additional data by clicking the *New Page* button. Once you have entered data into multiple pages, the fourth section of the screen will change into Figure 2.6.1-9 to accommodate the navigation to other pages:

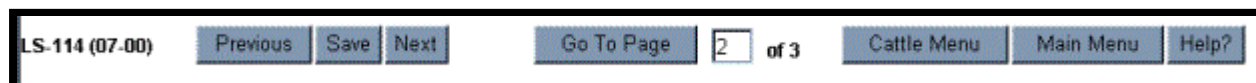


Figure 2.6.1-9: Section Four After Saving Data

2. Forms with Section A:

If you are using a form that has multiple parts, and you are on part A, then section four will look like Figure 2.6.1-10 below:



Figure 2.6.1-10: Section Four for Part A of Forms

You will notice that the buttons accommodating the navigation to previous and new pages are missing. This is because part A of forms may only have one record (page) saved.

The far left of the fourth section shows the USDA form title. To the right of the form title you will see a different number of buttons depending on the kind of form you are viewing and how many pages you have saved. The button functions are described below:

1. *Save* – The *Save* button is used to save the data on the form. The data is not used by the MPR system until a PKI certificate has signed it. While the data are saved, you may come back to change and re-save the data. Data is only saved for a 30 minute time period. **If you exceed the 30-minute time period, your data will be erased.** This means that if you are entering data for more than 30 minutes, your data will erase. (Once you are satisfied with all of your data entries, you must go to the reporting forms main menu, select the forms you would like to submit, and press the *Submit* button to have the MPR system concatenate your forms into single .mpc file to be downloaded to your computer for you to electronically sign and transfer back to the USDA AMS MPR system. **If you do not select the forms and click the Submit button, no data will be downloaded for your electronic signature to sign and send to the USDA MPR system**). In addition, to view Forms B and C, Form A must first be saved.
 - Note: All forms that have been saved will remain saved regardless of if you view other web pages, close your web browser, or shut off your computer. Once again, it is important to note that data will only be save for a maximum of 30 minutes.
2. *New Page* – The *New Page* button will create a new page within the current form. This button is only available if you are on the last page of the form.
3. *Next* – The *Next* button will allow you to move to the next page of the current form (if there is another page to view). If you are on the last page, then the *Next* button will be replaced by the *New Page* button.
4. *Previous* – The *Previous* button will take you to the previous page. (If you are on the first page, nothing will happen.)
5. *Go To Page* – The *Go To Page* button will take you to a specific page of the current form. For example, if you are working on your tenth page and would like to go back to the fourth page, instead

of pressing the *Previous* button six times, you can enter the number '4' in the information box (which is directly to the right of the *Go To Page* button), and then press the *Go To Page* button. You will be taken to the fourth page of the current form.

On the far right of this section are three buttons. The one marked '*Cattle (or Swine or Lamb) Menu*' will take you to the Reporting Forms main menu, and the one titled '*Main Menu*' will take you back to the MPR main menu, and the one titled '*Help*' will bring up the online help menu.

An important note if you are using the web interface to enter data for multiple plants:

If you are logged in as a plant, and you would like to log in as a different plant, you must first close all instances of Internet Explorer and wait for approximately five seconds before opening a new instance of Internet Explorer. You may then log into the system as another plant.

2.7 Signing and Sending The Data

Once you have completed inputting your data into the web interface forms, you must select the forms that you want to send to AMS, and click the *Submit* button (refer to Figure 2.6-1). Once you click the Submit button, the system takes all of the forms you have chosen to submit and concatenates them into a single file with the .mpc extension. A pop up window (as shown in Figure 2.7-1) will give you the option to save this file to your hard drive, or open it with the associated application.

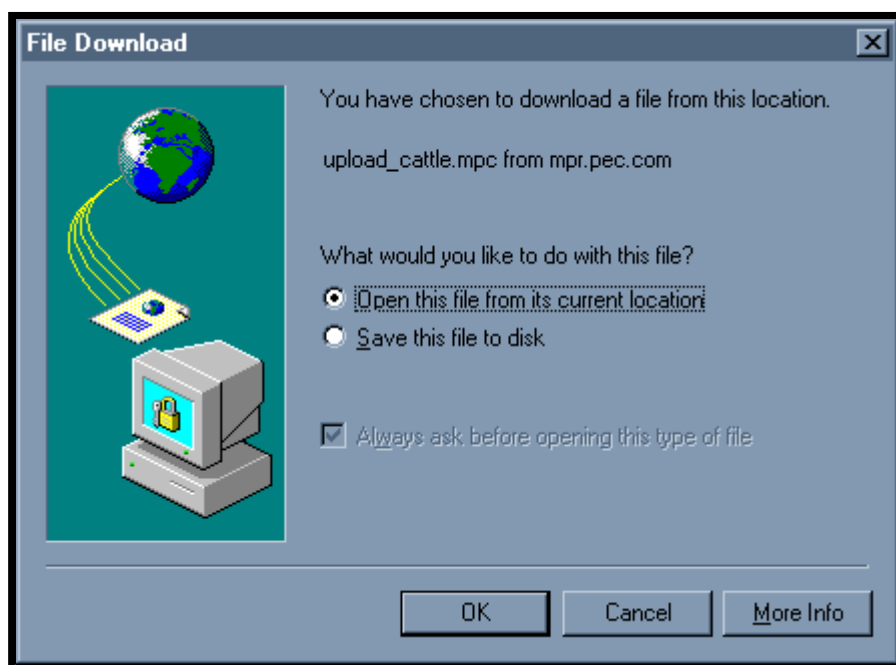


Figure 2.7-1: File Download

After you save the file to your hard drive, you can open it and review your data with a text editor such as

Notepad.exe. After reviewing, open the MPRCrypto.exe application (as shown in Figure 2.7-2) and add the .mpc file to the list of files to be sent to the USDA AMS MPR system.

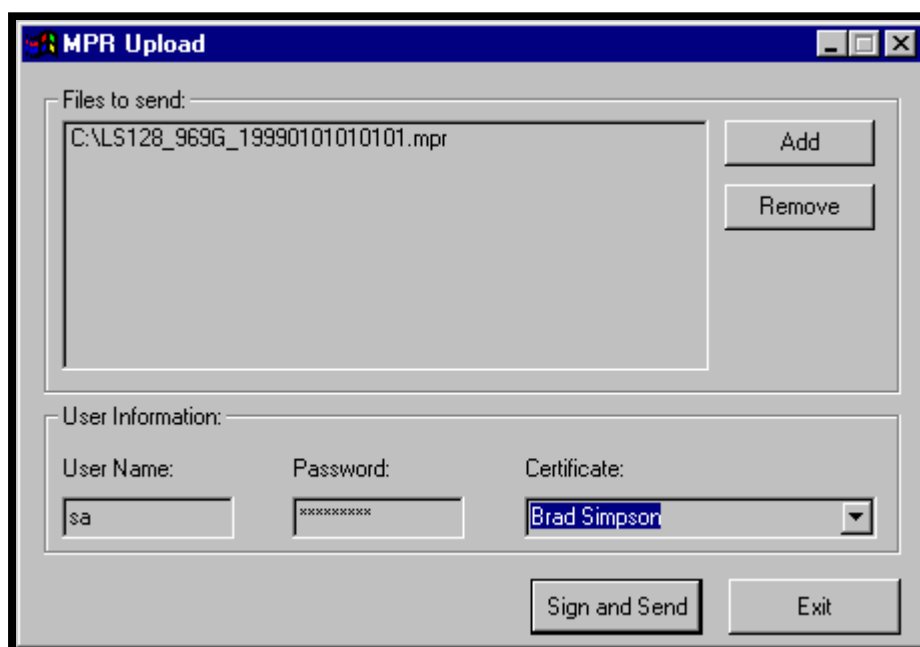


Figure 2.7-2: MPRCrypto

MPRCrypto is an executable program that will sign and send files that are downloaded from the web interface submit function with the .mpc extension, or properly formatted .mpr files, to the AMS database.

At the upper left of the application, you will see a section that reads “Files to be Send:.” You may select a file to be added to this directory by clicking on the *Add* button. This will open a browse window of your computer so that you may select the file(s) that you would like to sign and send. If you wish to remove a file from the list of files to be uploaded, select the desired file from the window in the “Files to send:” section and click *Remove*.

Once you have selected all of the files that you would like to upload, you must enter your account information. Your account information may be entered at the bottom of the MPRCrypto executable program. Here, you will see a section titled “User Information:.” Enter your user id in the ‘User Name:’ field, and your password in the ‘Password:’ field. Then select the PKI certificate that you would like to use from the ‘Certificate:’ drop down box. You are now ready to have the files signed by your PKI certificate and sent to the AMS database. To do this, click the *Sign and Send* button. To exit the program at any time, click on *Exit*.

Electronic File Format User Guide

3.1 Introduction to the Electronic File Format

This section describes how meat packing plants can create mandatory livestock data files on their own information systems and transmit them to USDA. This method will allow meat packers to bypass the manual data entry of mandatory livestock data. The format for the data files is described in Appendix A of this document.

3.1.1 *File Naming Scheme*

The meat packing industry must provide livestock data using the file-naming schema put forth by the USDA. The file name is to be created as follows:

lsxxx_ppppp_yyyymmddhhmmss.mpr

where:

lsxxx is the form number (i.e.- form LS-113 = ls113).

ppppp is the plant id.

yyymmdd is the current date.

hhmmss is the current 24-hour time notation in Central Standard Time.

mpr is the file extension.

The two underscores (“_”) used in the file name act as delimiters, meaning that everything in front of the first underscore represents the form name. Everything after the first underscore, but before the second underscore represents the plant ID and everything after the second underscore represents the date/time. This is done to ensure that a form with multiple parts (i.e.- LS-118B) will not be misread.

One digit day and month formats should have a leading zero (0). For example, February 9, 2000 should be 20000209, where 2000 is the year, 02 is the month, and 09 is the day.

Files cannot have the same file name; **file names must be unique**. A file can be uploaded to the USDA MPR system multiple times, but each successive file name must be altered to reflect the new current time. A file that has previously been uploaded to the MPR System will fail further attempts at uploading. **A packer can upload only one file per form per reporting period.** A subsequent file submission will overwrite the previous submission.

Each meat packing plant has a unique plant ID (a.k.a. establishment number) that is assigned and maintained by the USDA. Meat packing plants must contact USDA to determine their plant ID.

3.1.2 The MPR File Format

The MPR file format is that of a comma-delimited file. The file must be an ASCII comma-delimited file in the format specified in Appendix A. Appendix A has three examples of the correct format of a file for each form. Please pay careful attention to the formats, the allowable values, and the mutually exclusive rules (special rules) of each form.

Do not add a "0" in a non-required field, the field should be null.

The end of each record in the data file must end with a carriage return and line feed (CR)(LR). This includes the last record in the data file.

To find the required form, look through *Appendix A: Electronic File Formats* for the desired USDA form title (e.g., LS-123). If the USDA form title is unknown, the complete name of the form will be shown after the USDA form title. Each form title is followed by the corresponding page number of the chart.

Once you have navigated to the correct page, you will notice that the form title is at the top of the page, and that under each form title is the corresponding chart. The rows in the chart detail the format (and the order for a comma-delimited file) that the MPR System requires to consider the data being transmitted as valid. The following list is an explanation of each column:

- **Field Order:**

This column describes the order in which the data should be entered in the comma-delimited file. Each data item should be separated from the previous data item by the insertion of a comma. If there is a data item that does not apply, then that data item may be skipped by inserting a comma without having entered any data. All fields, even if null, must be included in the comma separate values. If the data are not input in the correct order, the MPR System will believe the entire file to be corrupt. (Note: there should be *no spaces* after commas).

- **Livestock Form Item Label:**

This is the identifier of the data item that is being entered. The identifier matches with the label that is on the original paper form.

- **Item Number:**

The Item Number is a reference to the corresponding original paper form. The Item Number '18c' would direct the data entry personnel to look for the third item of number 18 on the corresponding original paper form.

- **Data Type:**

The Data Type column shows that the data must be entered as one of three classes:

- A – This represents ‘Alpha,’ meaning that the data can only contain letters of the alphabet. The data *cannot* contain any numerical digits.
- N – This represents ‘Numeric,’ meaning that the data can only contain numerical digits. The data *cannot* contain any letters of the alphabet.
- A/N – This represents ‘Alphanumeric,’ meaning that the data can contain both letters of the alphabet and numerical digits.

The only exception to this rule is the Reporting Date (found in the Livestock Form Item Label column). Reporting Date has a Data Type of ‘Date.’ The ‘Date’ type must be in the following format: ‘mm/dd/yyyy’.

The MPR System treats upper and lower case data the same way.

- **Size:**

The Size field references the Data Type field:

- For Data Types A (alpha) and A/N (alphanumeric), this field specifies the maximum number of characters allowed to be entered for the data item. Data of characters less than the maximum number may be entered, but the maximum number may not be exceeded.
- For Data Type N (numeric), this field specifies the format and the maximum number of digits the field allows to be entered. For each ‘9’ in this field, 1 digit is allowed to be entered. For example, a Size field that equals ‘9999’ specifies that up to four digits may be entered. The only restriction set to the Size field is described in the Allowable Values field (e.g., a Size field of ‘9999’ and an Allowable Values field of ‘<=1000’ would imply that although four digits are allowed in this field, those four digits may not exceed the maximum value of 1000).

- **Required?:**

This field specifies if a data item is vital to the transmission and therefore required. The field is either a ‘Yes’ or blank. (Note: a blank field is the equivalent of ‘No.’)

- **Allowable Values:**

If there are any restrictions on the values that are allowed for any data item, then the Allowable Values field specifies the possible choices. In this field, a comma represents ‘or’ and a hyphen represents ‘through.’ (e.g., [1, 2] specifies that the allowable values are a 1 or a 2, while [1 – 6] specifies the allowable values are the numbers 1 through 6).

It is important to note that in a comma-delimited file, because a comma signals the end of one field and the beginning of another field, a comma should not be used to denote large numbers. This would inadvertently signal the end of the field prior to its actual end. In addition to the comma, the use of a dollar sign can corrupt data.

3.2 Connecting to the MPR System

To connect to the MPR System the plant site user will need to procure the required Public Key Infrastructure (PKI) certificate from VeriSign by providing VeriSign the necessary information as detailed in Appendix C, Acquiring, and Installing Client Certificates. Following this process and installation of the PKI certificate the user can proceed in connecting to the MPR System. The connection to the MPR Web Interface will only be done once in order to download the MPR PKI client executable program and is accomplished by following the steps described below. After the executable program has been downloaded and installed, sites looking to submit data via script files will not require further connecting to the MPR Web Interface.

1. Launch Internet Explorer
2. Type in the web address to access the MPR system in the Address bar (<https://mpr.ams.usda.gov>). You will be directed to a screen like the one below in Figure 3.2-1.

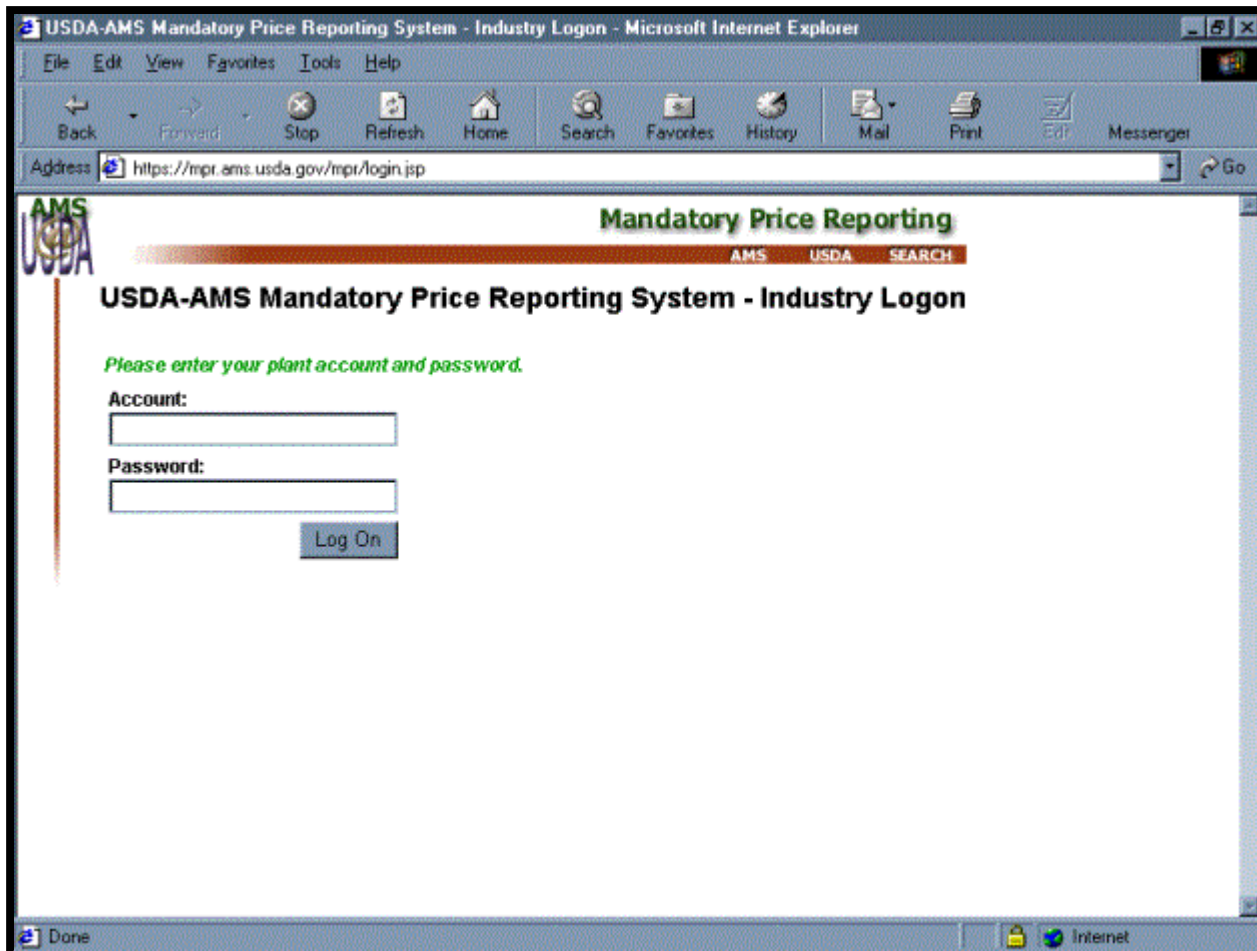


Figure 3.2-1: Industry Logon

If you do not have a valid PKI certificate, you will receive an error like the one shown in Figure 3.2-2.

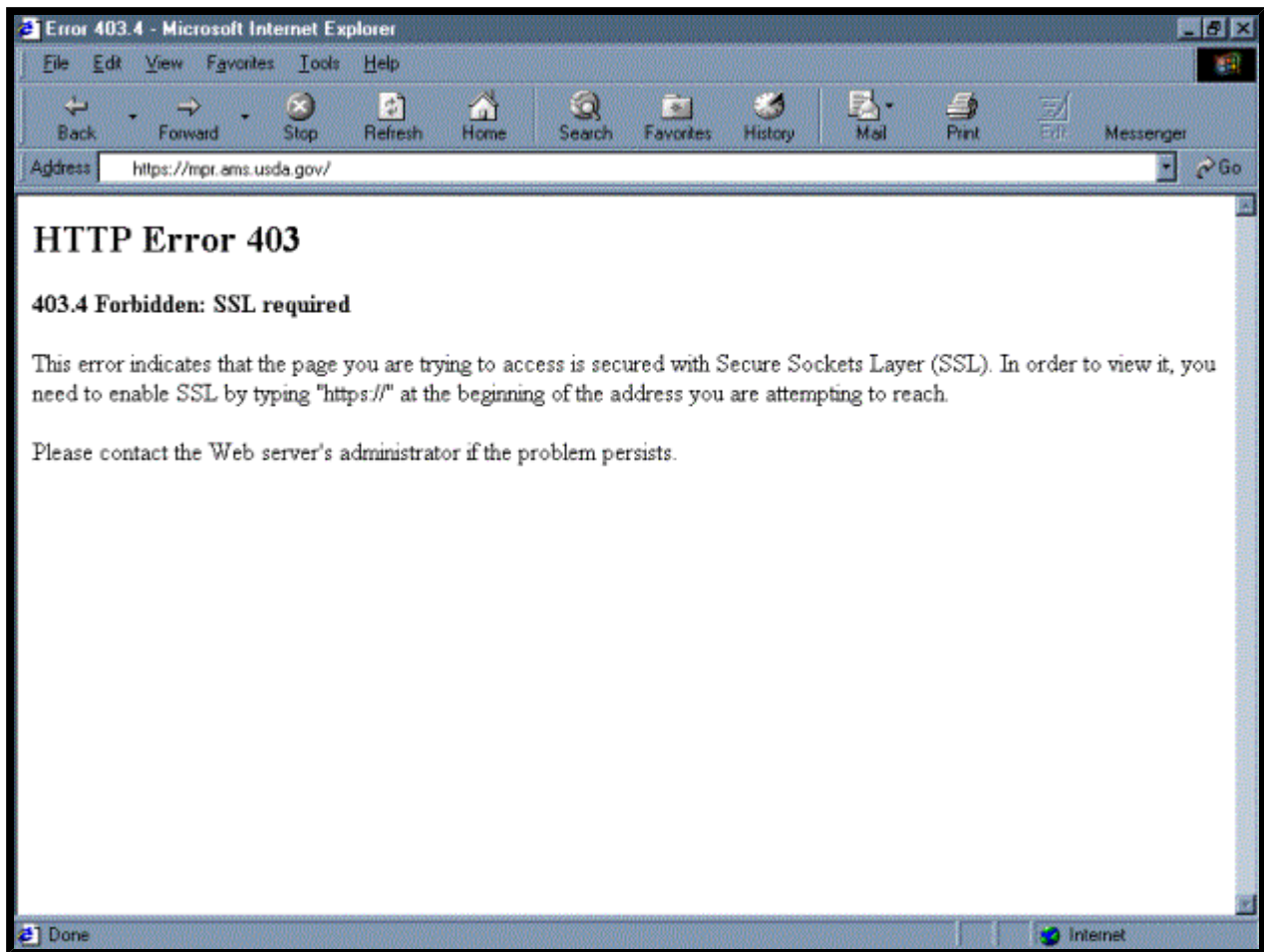


Figure 3.2-2: Invalid Certificate Error

- 3. Enter your account ID in the *Account* field and your *password* in the Password field.
- 4. Click the *Log On* button. If you have entered your account ID and password correctly, you will be taken to the Main Menu. Otherwise, a pop-up screen like Figure 3.2-3 will appear stating that you have entered either an invalid user name or an invalid password. If this happens, click *OK* on the pop-up menu and reenter your information.



Figure 3.2-3: Logon Error Message

The USDA will maintain user IDs and passwords. To modify a user ID or password, you must contact the USDA. If an issue exists with the PKI certificate, contact your certificates provider.

3.2.1 USDA Contact Information

If any issues arise, you may call the toll-free number below for assistance:

- 866-228-1309

3.3 MPR Main Menu

The Main Menu screen looks like the one that follows:

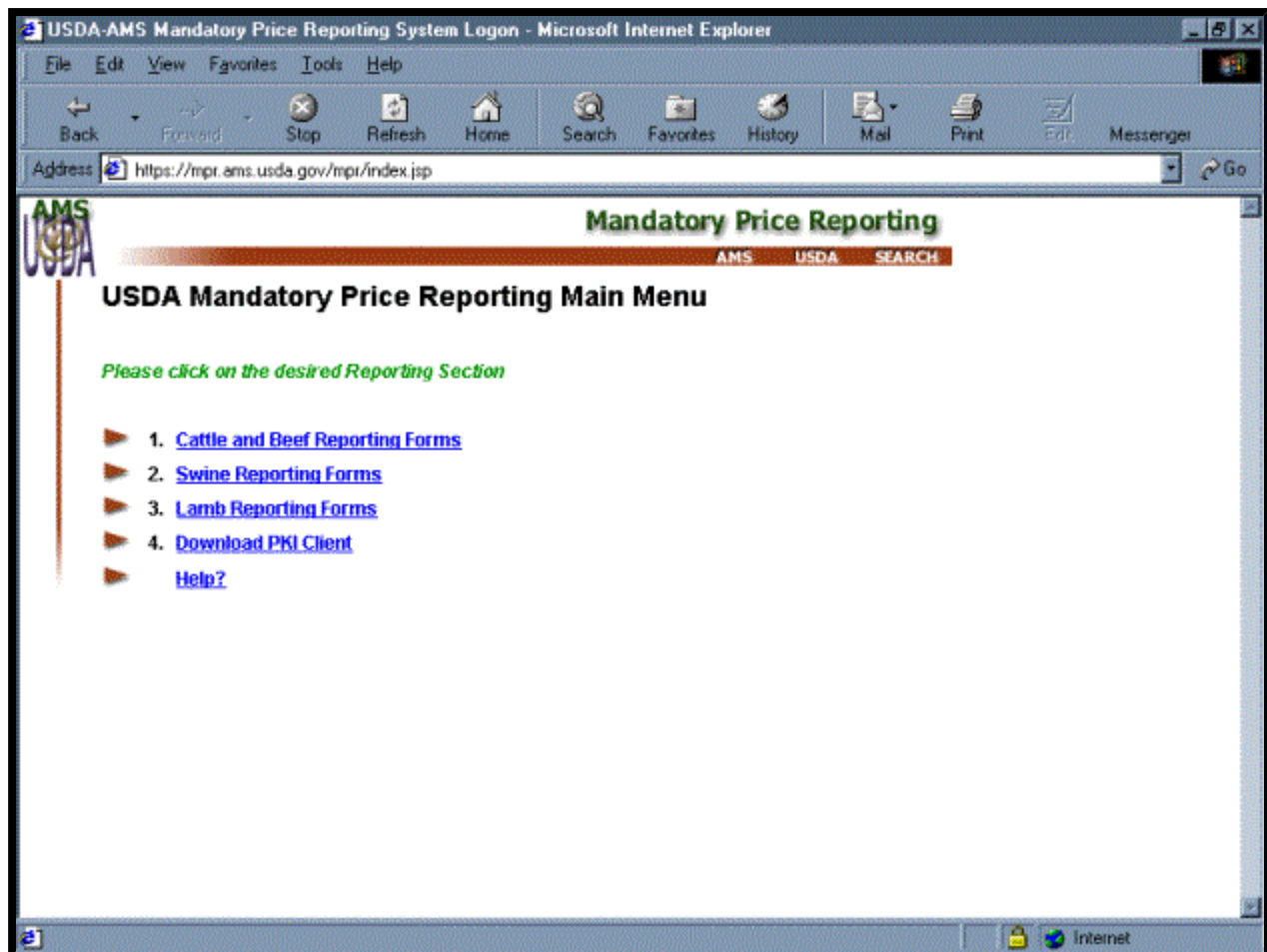


Figure 3.3-1: Main Menu

3.3.1 Toolbar

On the upper part of the screen, you will see a red toolbar with three links on it:

1. AMS – A link to the AMS website.
2. USDA – A link to the USDA website.
3. SEARCH – A link to the MPR website search tool.

This toolbar will remain in your web browser, giving you access to the links regardless of where you are within the website.

3.3.2 The Main Menu

The main menu has four sections that you can select from, but you may disregard the first three. Only the fourth, *Download PKI Client*, will be discussed in this section.

3.4 Downloading the PKI Client

The PKI client program will allow you to sign and send your data securely over the Internet. In order for the MPR system to correctly function, you must first download the PKI client.

To download and install the PKI client, from the MPR Main Menu:

1. Click on the Download PKI Client link.
2. When the file download pop-up window opens, select Save to Disk, and save the application to your desktop.
3. After the application is downloaded, open the application from your desktop to install the program.

After the installation process has finished, you may be prompted to reboot your computer, if this happens, you may begin to use the MPR system after rebooting your computer, otherwise you may use it immediately.

Note: A new PKI Client, version 2.0, has been released for download as of 8-21-2002. The prior version, version 1.2.7, will still function normally, but will no longer be available for download. The updates made to the PKI Client v2.0 are detailed in section 3.6.

3.5 Data Transfer

After installing the PKI client executable program to your workstation (See Section 3.4), you can automate the task of uploading the data files to the MPR system with the creation of a scheduled process (e.g.- a batchfile scheduled to run at specified times). If automating uploads and uploading on weekends or holidays, the system should note the reporting dates inside the file to reflect the actual date of the transaction reporting period and that care be taken so that data is not duplicated.

Note: In the following examples, the script will appear to be on multiple lines. This has been done to make the script easier to read. In the actual batch file, each section that is in quotes should be written on a single line without any line-breaks.

Example 1 - The following is an example of a batchfile that will digitally sign and send a single file:**

```
"C:\Program Files\MPRCrypto\pkiclient.exe"  
-u JSMITH  
-p xyz  
-c John Smith  
-d D:\MPR\Upload\LS113_1234_20001231235959.mpr"  
  
"MOVE D:\MPR\Upload\LS113_1234_20001231235959.mpr D:\MPR\Done"
```

Example 2 - The following is an example of a batchfile that will digitally sign and send multiple files in a directory:**

```
"C:\Program Files\MPRCrypto\pkiclient.exe"  
-u PLANT011  
-p qrst  
-c John Smith  
-d C:\MPR Files For Upload\  
  
"COPY C:\MPR Files For Upload\*.MPR C:\MPR Files Uploaded"  
"DEL C:\MPR Files For Upload\*.MPR"  
"COPY C:\MPR Files For Upload\*.MPC C:\MPR Files Uploaded"  
"DEL C:\MPR Files For Upload\*.MPC"
```

**** Definitions for the examples:**

- u: This stands for 'user name.' This is the account login name used to enter the MPR system from the web interface. This user name is assigned by AMS.
- p: This stands for 'password.' This is the password used to enter the MPR system from the web interface. The password is assigned by AMS.
- c: This stands for 'certificate.' This is the common name of the certificate being used. The common name was created when the certificate was purchased.
- d: This stands for 'directory.' This can be used in two possible ways. In example one, the directory path is written along with the specific file name that the user wishes to upload. In example two, the directory path is written without a specific file name, signaling the system to upload all *.mpr and *.mpc files contained in the directory.

The following is an example of using the AT command to schedule a job to perform at a specified time on the specified days:

AT 14:00 /EVERY:MONDAY,TUESDAY "C:\MPRCRYPTO\BATCHFILE.BAT"

Note: The AT command is an advanced system administration tool. If you are not a system administrator, you most likely will not have the permissions to perform this function.

3.6 PKI Client v2.0

The USDA AMS PKI Client (MPRCrypto.exe) tool has been updated to version 2.0 and renamed to "PKIClient.exe." The following modifications have been made.

3.6.1 Updates to the use of the Graphical User Interface (GUI)

When selecting files to be uploaded from the GUI front end, the user may now select multiple files at once by using normal Windows conventions (i.e.- Shift-click, or Alt-Click). An example of selecting multiple MPR/MPC files is shown below.

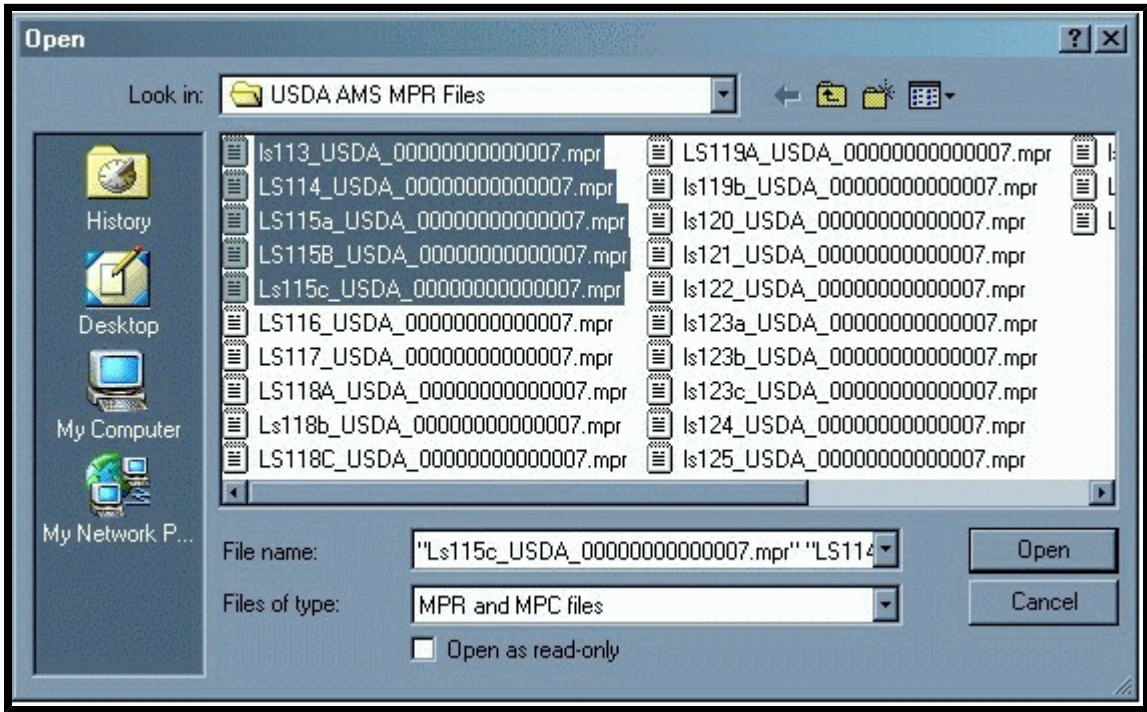


Figure 3.6-1: Multiple File Selection

The GUI has also been updated to include a progress bar including comments. After the user clicks the *Sign and Send* button, the "Upload Progress:" section of the GUI shows the progression of the upload process. First, the PKI Client verifies the status of the certificate being used, as shown below.

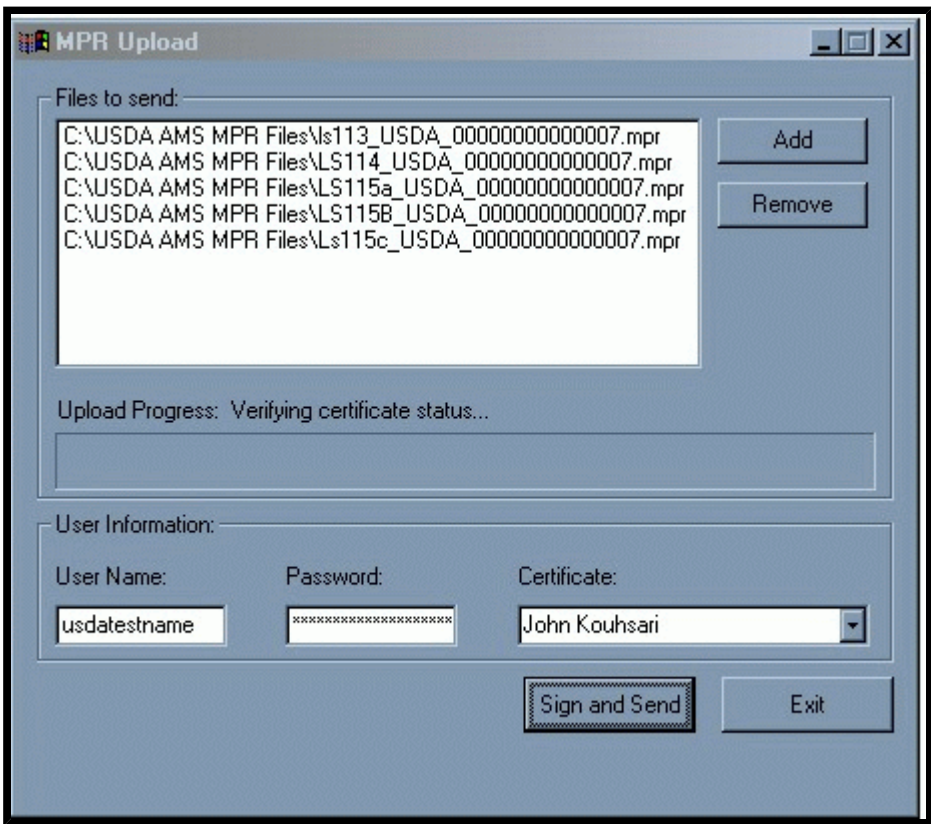


Figure 3.6-2: Certificate Status Verification

If the certificate is not valid, the user will be informed via pop-up box. In the following screenshot, the pop-up box indicates to the user that the client certificate being used has been revoked.



Figure 3.6-3: Revoked Certificate Pop-Up Box

If the certificate is valid, then the PKI Client sends each file, verifying the User Name and Password during the upload.

As files are being uploaded to the USDA Server, the progress bar increments, and the "Upload Process:" indicates which file is currently being sent. Once all of the files have been uploaded, the "Upload Progress:" states that the system has "Finished Sending Files." During the upload process, a log file is created and appended as files are sent. Once the upload process is complete, the log file is opened in Notepad, and made the focus of the screen. A screenshot of a sample log file is shown below:

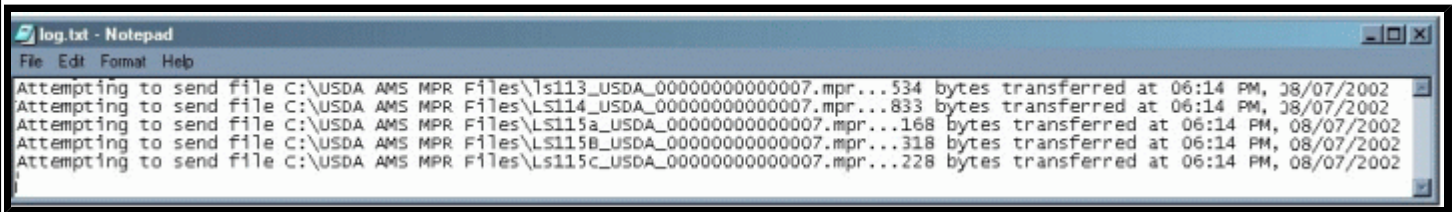


Figure 3.6-4: GUI Log File

This log file contains a row for each file attempting to be uploaded, and the outcome of the attempt. In the screenshot above, all five files were uploaded successfully. The size of each file and the time and date each file was sent is clearly tracked. If a file were to fail the upload process, then the failure would be specified in the log and a reason would be given as to why the file failed to upload.

The log file, titled “log.txt” is saved to the install directory the PKI Client. This log file is overwritten each time the PKI Client executable is run. Due to this, only the log of the last instance the PKI Client was run is ever saved.

3.6.2 Updates to the use of Batch Processing

The automated batch processing of MPR and MPC files has been updated to create a log file during the upload process. During the upload process, a log file is created and appended as files are sent.

This log file contains rows verifying the status of the client certificate being used, and also contains a row for each file attempting to be uploaded, and the outcome of the attempt. In the following screenshot, all five files were uploaded successfully, after the status of client certificate was verified. The size of each file and the time and date each file was sent is clearly tracked. If a file were to fail the upload process, then the failure would be specified in the log and a reason would be given as to why the file failed to upload.

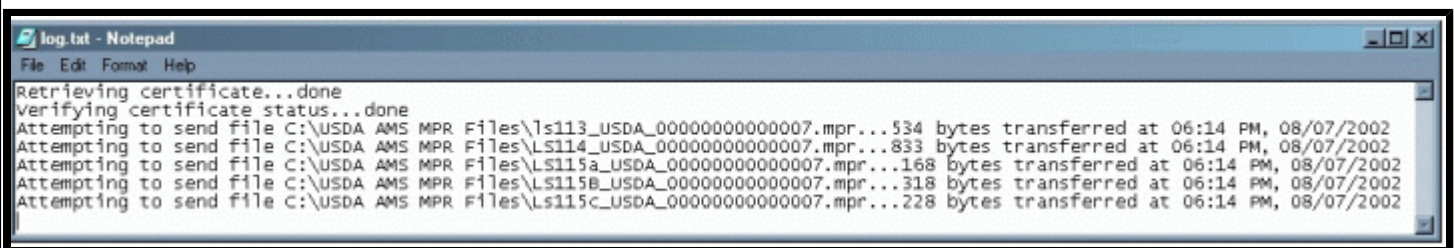


Figure 3.6-5: Batch Processing Log File

The log file, titled “log.txt” is saved to the install directory the PKI Client. This log file is overwritten each time the PKI Client executable is run. Due to this, only the log of the last instance the PKI Client was run is ever saved

Once the upload process is complete, the log file is opened in Notepad, and made the focus of the screen.

Client Certificate Installation Instructions

4.1 Exporting a Client Certificate

The following section outlines the steps required to export a client certificate from a workstation.

1. Open Internet Explorer. Click on the 'Tools' menu drop-down, and select 'Internet Options.' See Figure 4.1-1 below.

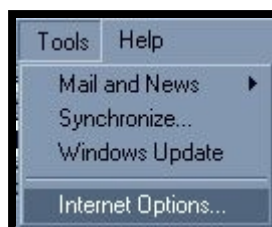


Figure 4.1-1: Select 'Internet Options'

2. Highlight the desired client certificate and click on the *Export* button. See Figure 4.1-2 below.

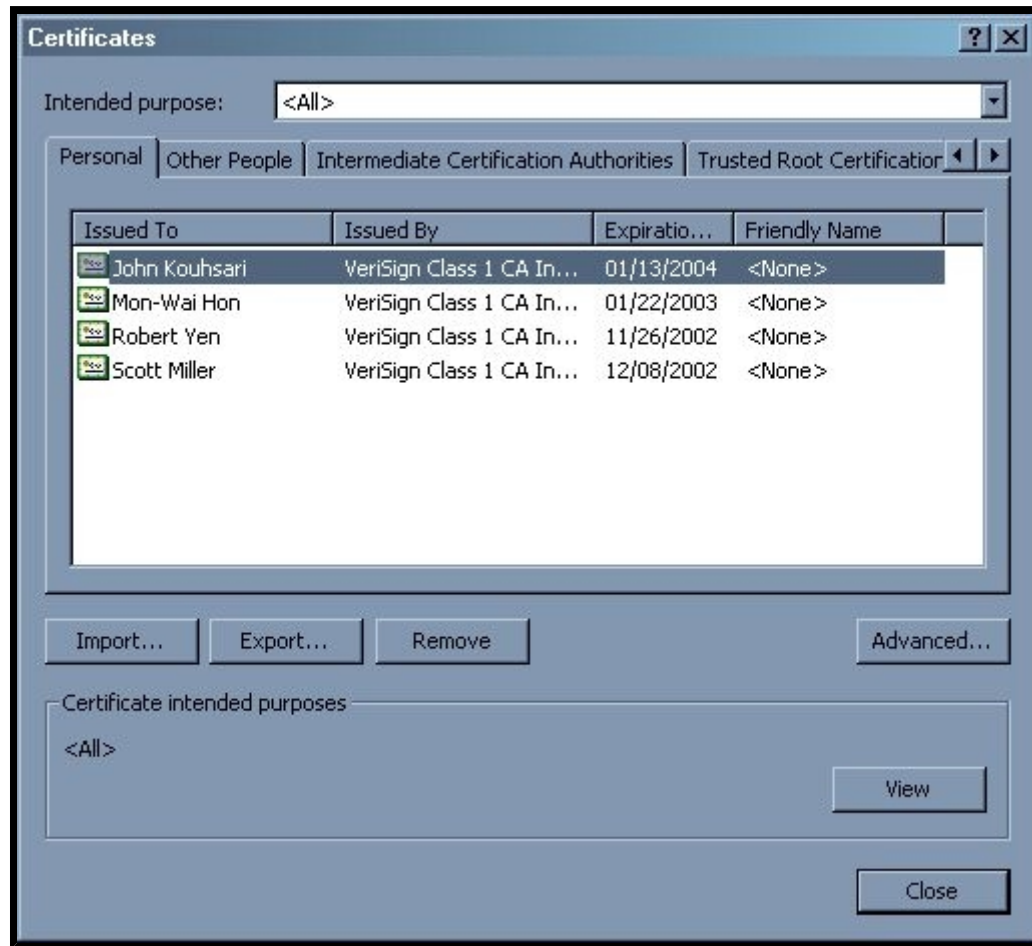


Figure 4.1-2: Click the Export Button

3. Click on the 'Contents' tab, and click on the *Certificates...* button in the Certificates portion of the window. See Figure 4.1-3 below.

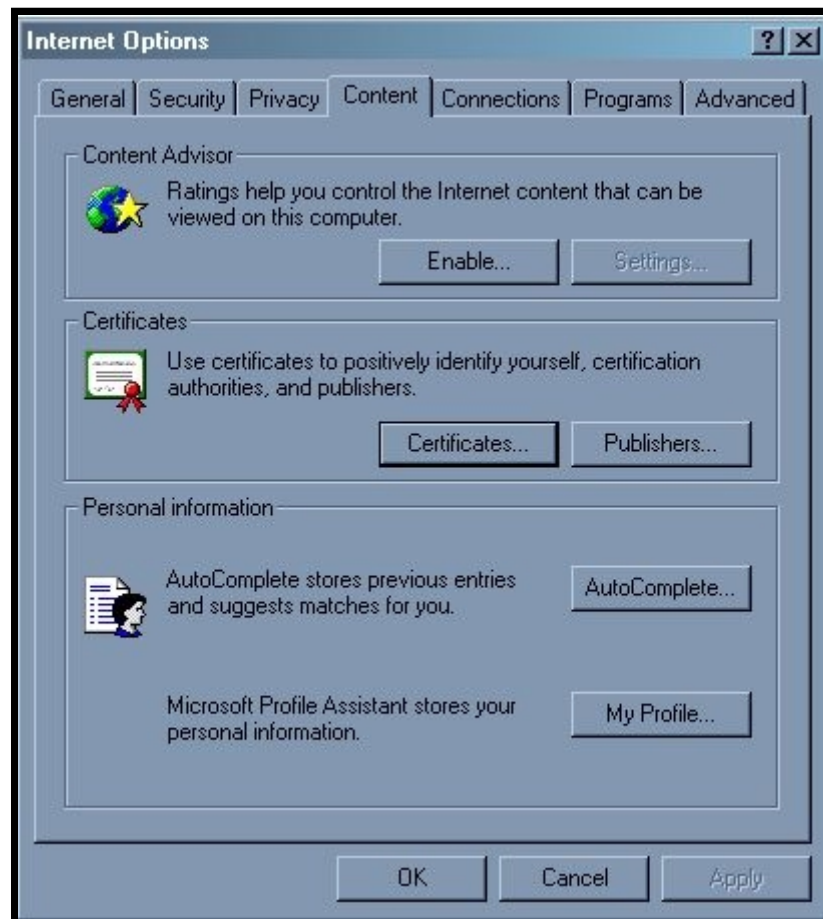


Figure 4.1-3: Select 'Contents' Tab

4. Click the *Next* button on the "Welcome to the Certificate Export Wizard" screen.
5. Click the *Next* button on the "Export Private Key" screen. Leave the default settings as they are, as shown in Figure 4.1-4 below.



Figure 4.1-4: Export Private Key Screen

6. Click the *Next* button on the "Export File Format" screen. Leave the default settings as they are, as shown in Figure 4.1-5 below.

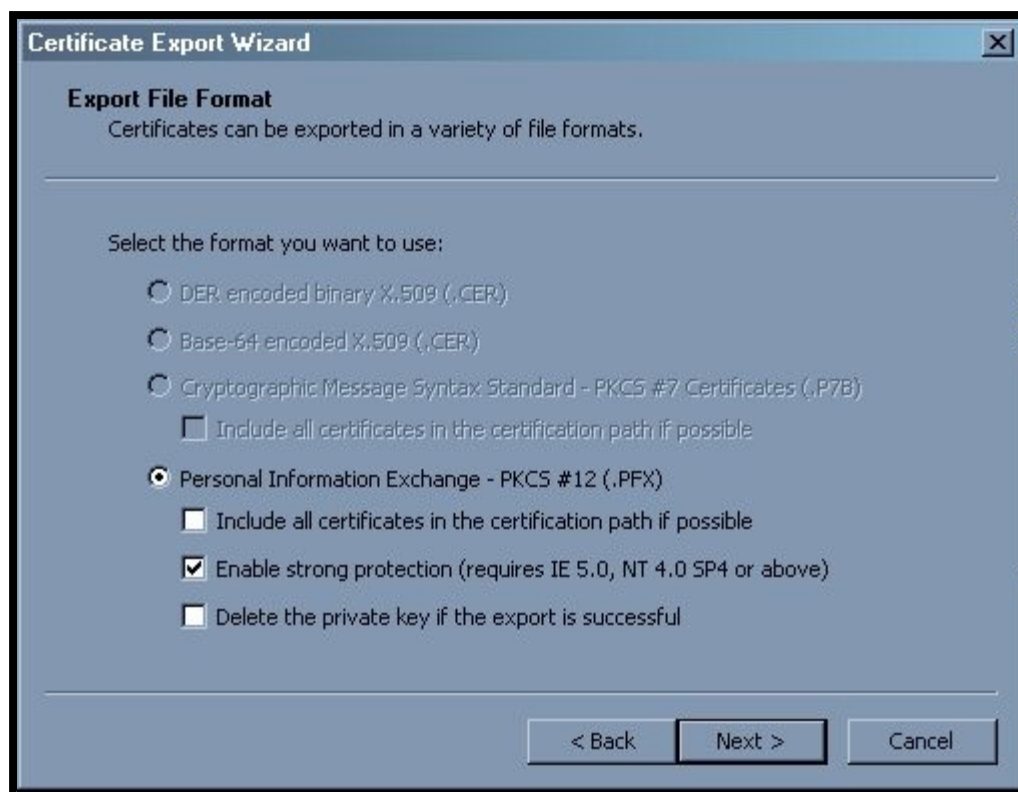


Figure 4.1-5: Export File Format

7. On the "Password" screen, enter the same password in the two fields, and click the *Next* button. This password will be required when re-installing the client certificate in section 4.2 below.
8. On the "File to Export" screen, click on the *Browse* button. This will cause a "Save As" pop-up window to display. Select the file destination, and enter the desired filename in the 'File Name' screen field. Click the *Save* button. Click the *Next* button.
9. Click the *Next* button on the "Completing the Certificate Export Wizard" screen. Once this is complete, the following certificate export wizard dialog will display:



Figure 4.1-6: Success Dialog

Congratulations! The certificate has been successfully exported.

4.2 Importing a Client Certificate

The following section outlines the steps required to import a client certificate to a workstation.

1. Open Internet Explorer. Click on the 'Tools' menu drop-down, and select 'Internet Options.' See Figure 4.2-1 below.



Figure 4.2-1: Select 'Internet Options'

2. Click the *Import* button. See Figure 4.2-2 below.

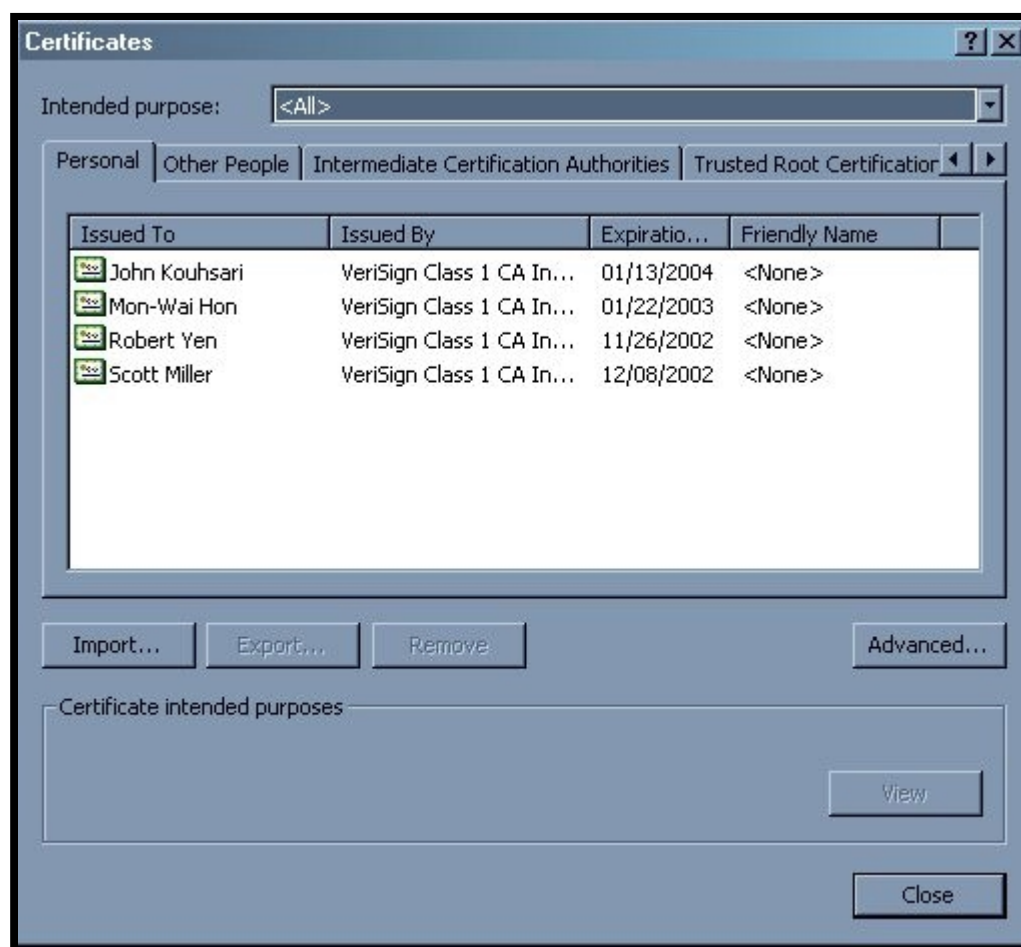


Figure 4.2-2: Click the Import Button

3. Click the *Next* button on the "Welcome to the Certificate Import Wizard" screen.
4. Click the *Browse* button on the "File to Import" screen, navigate to the directory specified in step 8 in section 4.1 above, and select the client certificate file. Click the *Next* button. See Figure 4.2-3 below.

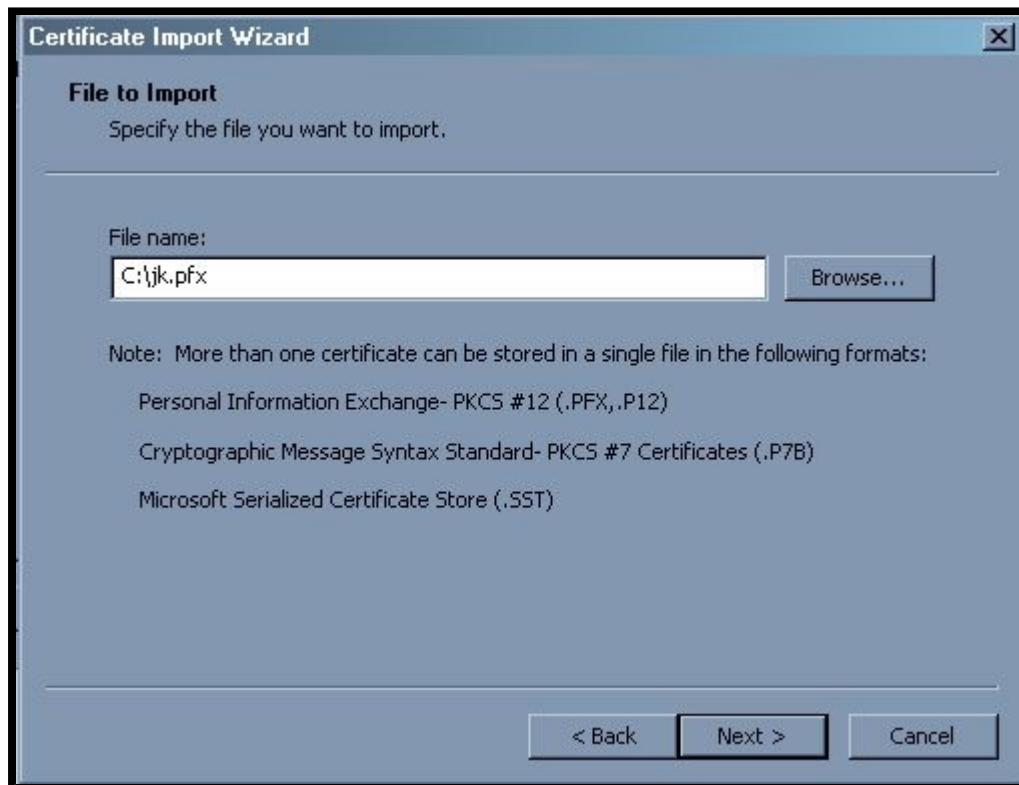


Figure 4.2-3: File to Import Screen

5. On the "Password" screen, enter the password used in step 7 in section 4.1 above. Select the "Mark the private key as exportable" check box. **Verify the "Enable strong private key protection" check box is not selected.** The screen should be similar to Figure 4.2-4 below. Click the *Next* button.



Figure 4.2-4: Password Screen

6. Click the *Next* button on the 'Certificate Store' screen. The system will place the certificate in the default system folder. If desired, select the location to place the certificate, and click the *Next* button.
7. Click the *Next* button on the "Completing the Certificate Import Wizard" screen. Once this is complete, the following certificate import wizard dialog will display:



Figure 4.2-5: Success Dialog

Congratulations! The certificate has been successfully imported.

Implementing PKI into MS Outlook

5.1 Step-by-Step Guide to Public Key Features of Outlook 2000

5.1.1 Introduction

This step-by-step guide explains basic features related to the Public Key Infrastructure (PKI) in Microsoft® Outlook® 2000 messaging and collaboration software. In particular, it describes how to configure Outlook 2000 to send signed and encrypted e-mail messages using the Secure Multipurpose Internet Mail Extensions (S/MIME) mail standard.

5.1.2 Requirements

You must be running the Windows 2000 operating system. The most current information about hardware requirements and compatibility for servers, clients, and peripherals is available at the [Windows 2000 Hardware Compatibility site](#).

5.1.3 Configuring Outlook 2000 for S/MIME Secure Mail

It is assumed in this guide that you have already installed Outlook 2000 and have configured it to send and receive mail through your mail server.

1. Open Outlook. From the *Tools* menu, click *Options*, and then click the *Security* tab. The summary pane for security options appears. See Figure 5.1.3-1 below.

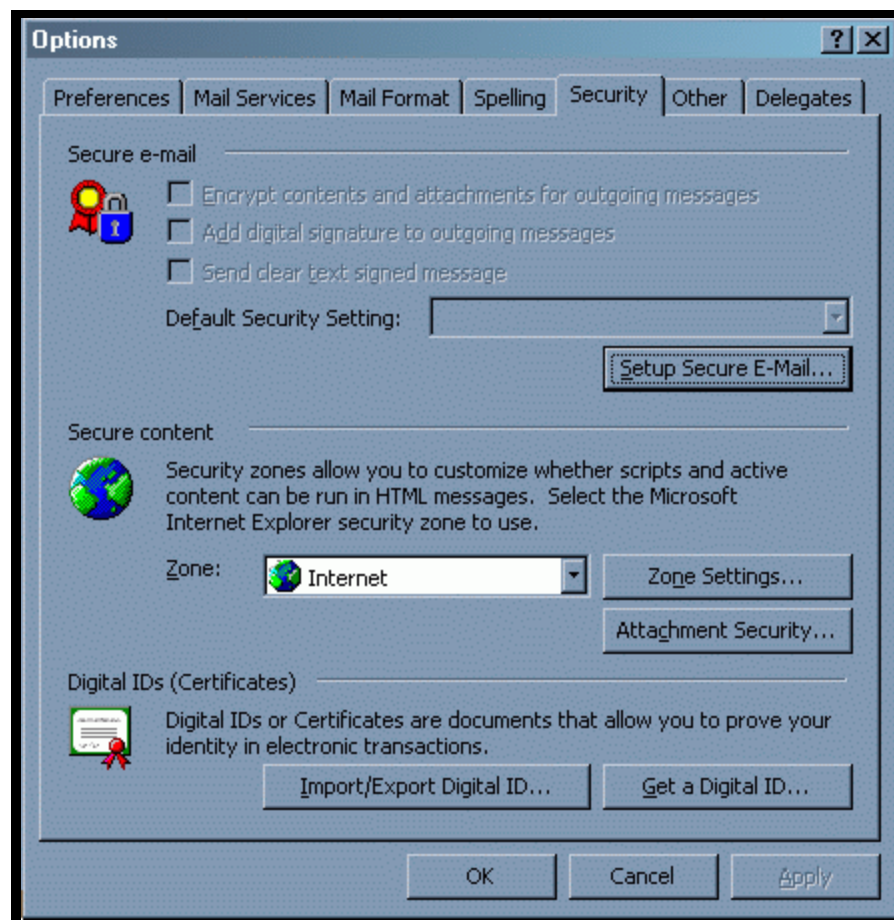


Figure 5.1.3-1: Options - Security Tab

2. Click the *Setup Secure E-mail* button under the Secure e-mail section. The Change Security Settings dialog displays. See Figure 5.1.3-2 below.

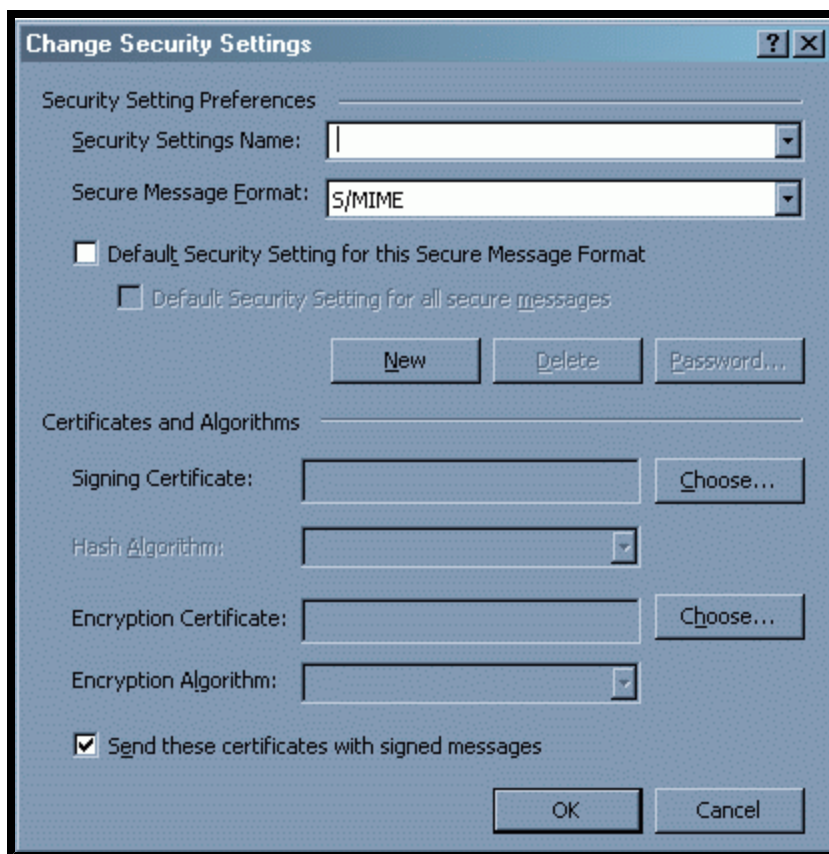


Figure 5.1.3-2: Change Security Settings

3. Outlook 2000 views your certificates, determines which ones are valid for e-mail encryption and digital signatures, and chooses a certificate for each. If the certificates that Outlook selects are not the ones you want to use with Outlook 2000, you can change the default selections:
 - ✧ Click the *Choose* button in the Signing Certificate section to select a certificate to use for e-mail digital signatures.
 - ✧ Click the *Choose* button in the Encryption Certificate section to select a certificate for e-mail encryption.
4. Click *OK* to close the Change Security Settings dialog box and return to the Options dialog box.
5. If you want to digitally sign all e-mail messages that you send, click the *Add digital signature to outgoing messages* option. See Figure 5.1.3-3 below. (You can also add digital signatures to messages on a per-message basis as described below.)

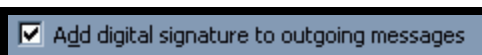
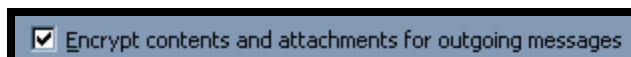
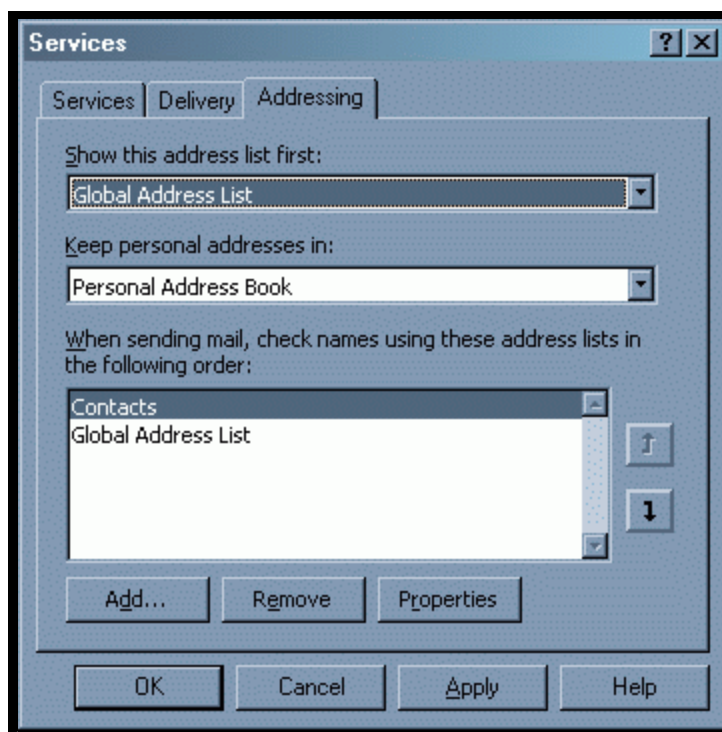


Figure 5.1.3-3: Digital Signature check box

6. If you want to encrypt all e-mail messages that you send, select the *Encrypt contents and attachments for outgoing messages* option. See Figure 5.1.3-4 below. (You can also encrypt individual messages on a per-message basis as described below.)

**Figure 5.1.3-4: Encrypt Contents check box**

7. Click *Apply*, and then click *OK* to close the Options dialog box.
8. On the Tools menu, click *Services*, and click the *Addressing* tab. See Figure 5.1.3-5 below.

**Figure 5.1.3-5: Addressing Tab**

9. Under Show this address list first, select Contacts from the drop-down list. See Figure 5.1.3-6 below.

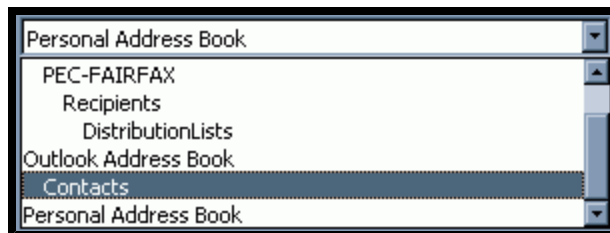




Figure 5.1.3-6: Contacts drop-down list

10. Under When sending mail, move Contacts to the top of the search order and Global Address List to the bottom. See Figure 5.1.3-5 above. Click *Apply*, and then click *OK*.

5.1.4 Sending Digitally Signed Messages Using Outlook 2000

To send a digitally signed message:

1. Click the New Mail Message button () to create a blank message.
2. In the To field, type in the e-mail address of the intended recipient.
3. Add your text to the Subject field and to the body of the message.
4. Click the Options button (), or, on the View menu, click Options. The Message Options dialog box appears. See Figure 5.1.4-1 below:

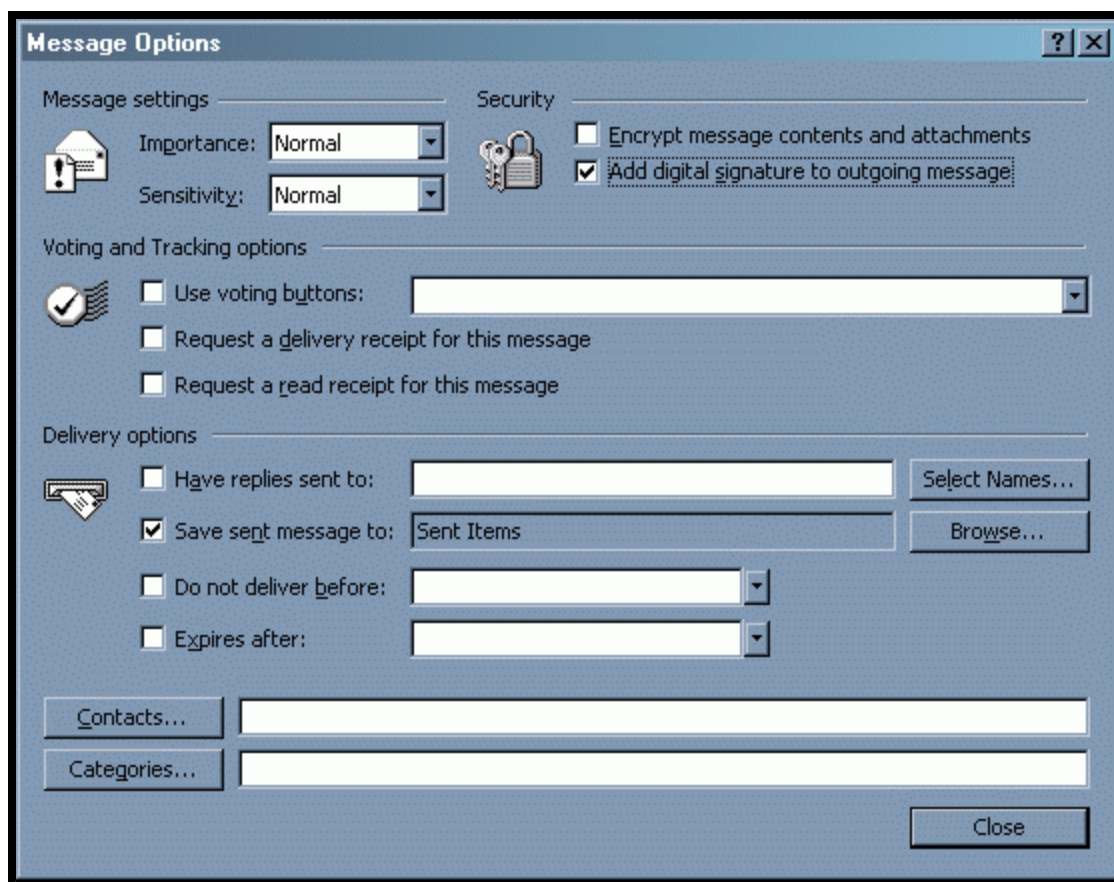
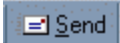



Figure 5.1.4-3: Message Options dialog box

5. Click the Add digital signature to outgoing message option.
6. Click Close to close the Message Options dialog box, and then click the Send button () to send the signed e-mail message.

5.1.5 Obtaining a Copy of Someone's Public Encryption Key or Certificate

An encryption certificate belonging to the intended recipient of your e-mail message contains a copy of his or her public encryption key. One way to get a copy of an encryption public key is to have the recipient send you a digitally signed message.

To save copies of the digital certificates sent with a signed message:


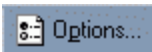
1. Open a signed message. These are denoted by the red seal attached to the envelope icon () in the Inbox. The inbox must be set to display icons to be able to view this.
2. Right-click the name of the sender in the From field and select *Add to Contacts* , and then

click *Save and Close* to add the user and the public key certificate to your addressing store.

5.1.6 Sending Digitally Encrypted Messages Using Outlook 2000

To send someone an encrypted message, you must first have a copy of his or her public encryption key or encryption certificate (the certificate contains a copy of the public key). In this section, it is assumed that you have already obtained the recipient's public key certificate and that the recipient is in your Contacts list.

To send an encrypted mail message:

1. Click the New Message button (), or click New Mail Message on the Actions menu.
2. In the To field, type in the recipient's e-mail address.
3. Add your text to the subject field and body of the message.
4. Click the Options button (), or, click Options on the View menu. The Message Options dialog box appears.
5. Select Encrypt message contents and attachments. See Figure 5.1.6-1 below:

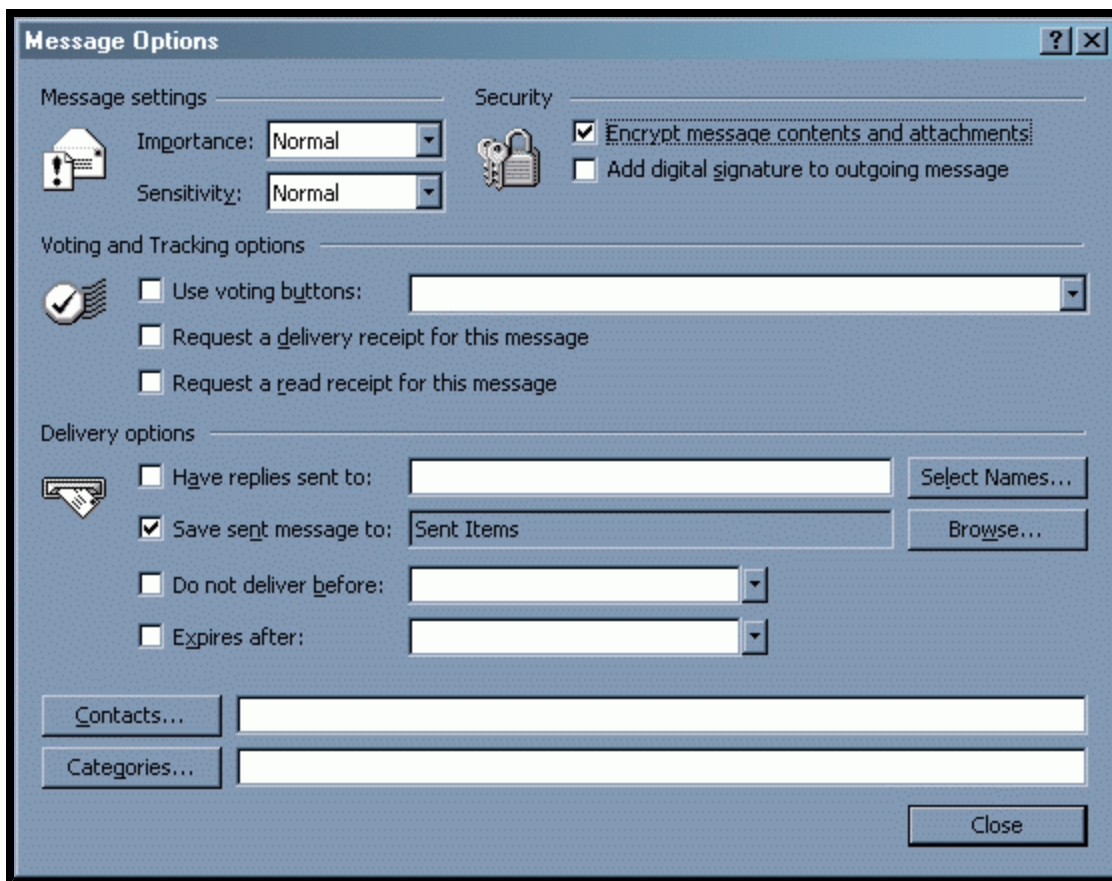


Figure 5.1.6-1: Message Options dialog box

6. Click Close to close the Message Options dialog box.

7. Click the Send button () to send the encrypted e-mail message.

- ✎ You **do not** need your private key to **send** encrypted e-mail because the encryption occurs using the public key of the recipient.
- ✎ You **do** need your private key to **read** an encrypted e-mail because the decryption requires the private key that corresponds to the public key used to encrypt the e-mail.

*Note: This information has been derived from and can be viewed at the [Microsoft](http://www.microsoft.com) web site.

Implementing PKI into MS Outlook Express

6.1 How to Digitally Sign and Encrypt Messages in Outlook Express

6.1.1 *Introduction*

The information in this guide applies to:

- ✧ Microsoft Outlook Express 5.0 for Windows NT 4.0
- ✧ Microsoft Outlook Express 4.0 for Windows NT 4.0
- ✧ Microsoft Outlook Express 5.0 for Windows 98
- ✧ Microsoft Outlook Express 5.0 for Windows 95
- ✧ Microsoft Outlook Express 4.0 for Windows 95
- ✧ the operating system: Microsoft Windows 98

6.1.2 *Configuring Security Features in Outlook Express*

To use any of the security features in Outlook Express, you must first configure the program to use your digital ID (certificate). See Appendix C for the procedure for obtaining a certificate.

After you have your private key (digital ID) installed, you need to configure Outlook Express to use the certificate by following these steps:

1. On the Tools menu, click Accounts. See Figure 6.1.2-1 below.

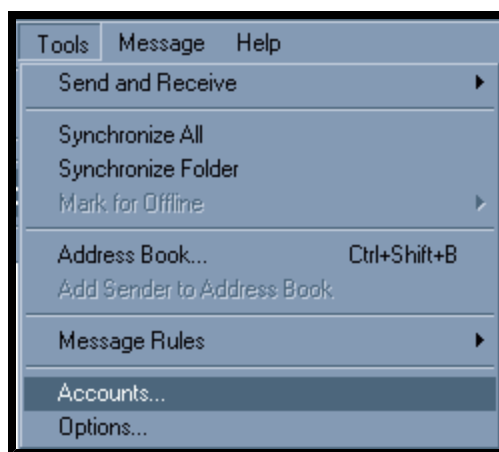


Figure 6.1.2-1: Accounts selection

2. Click the Mail tab, click the mail account in which you want to use a digital ID, and then click Properties. See Figures 6.1.2-2 and 6.1.2-3 below.

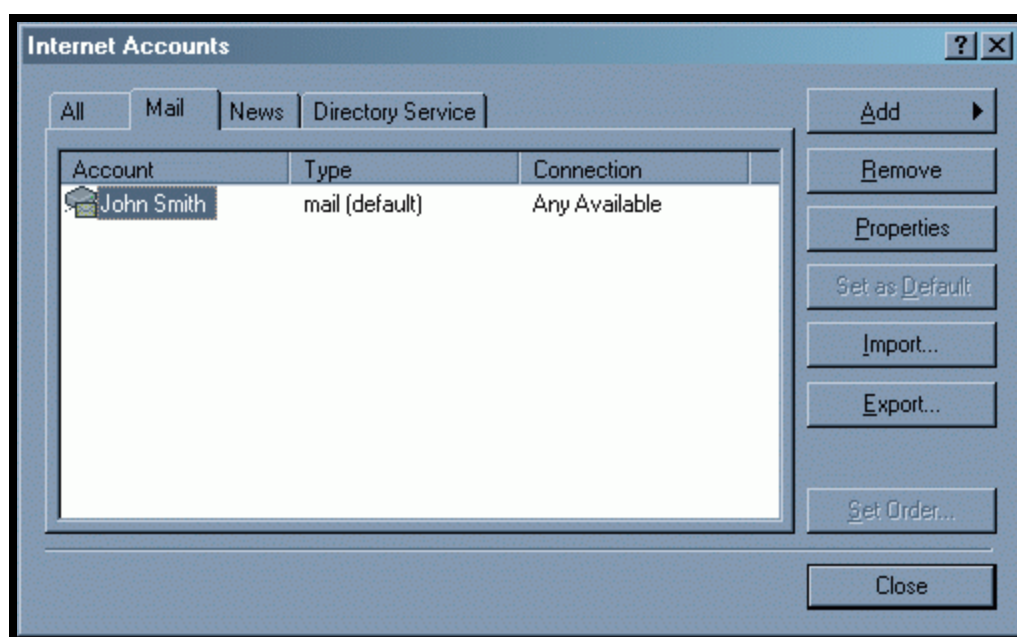


Figure 6.1.2-2: Mail tab

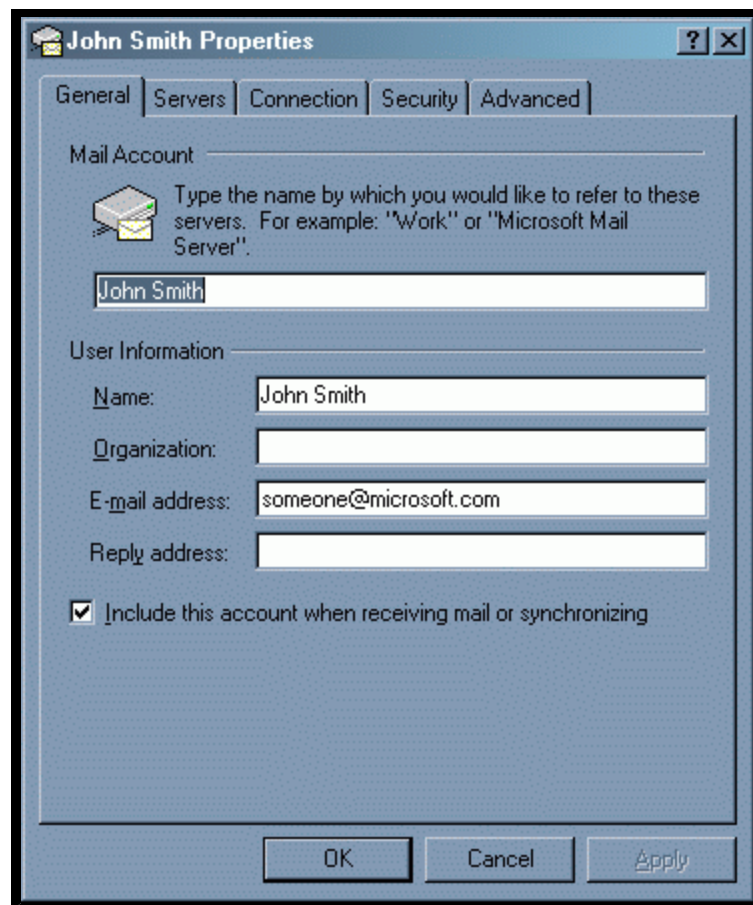


Figure 6.1.2-3: Properties dialog box

3. On the Security tab, click the "Use a digital ID when sending secure messages from " check box to select it, and then click Digital ID.
4. Click the appropriate certificate, click OK, click OK, and then click Close.
5. On the Tools menu, click Options. See Figure 6.1.2-5 below.

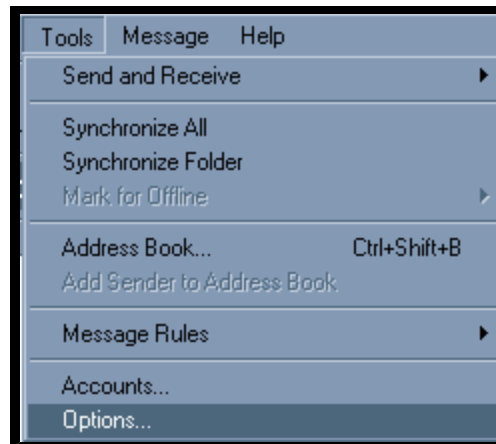


Figure 6.1.2-5: Options selection

6. On the Security tab, click Advanced Settings. See Figures 6.1.2-6 and 6.1.2-7 below.

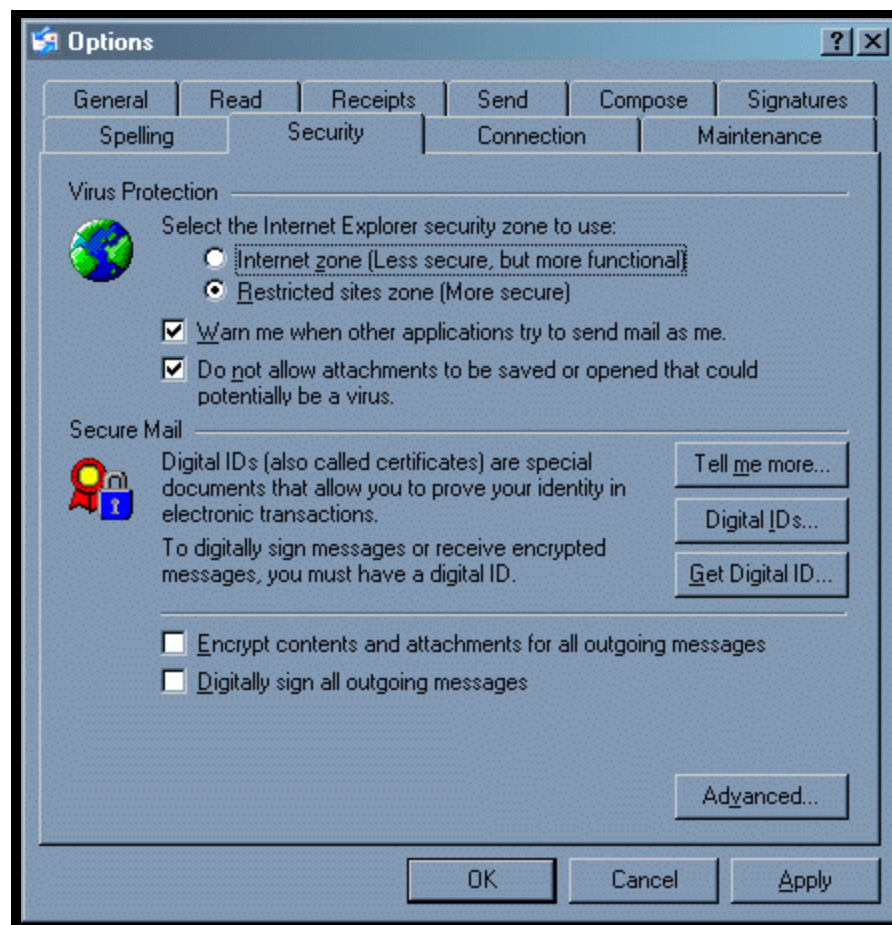


Figure 6.1.2-6: Security tab

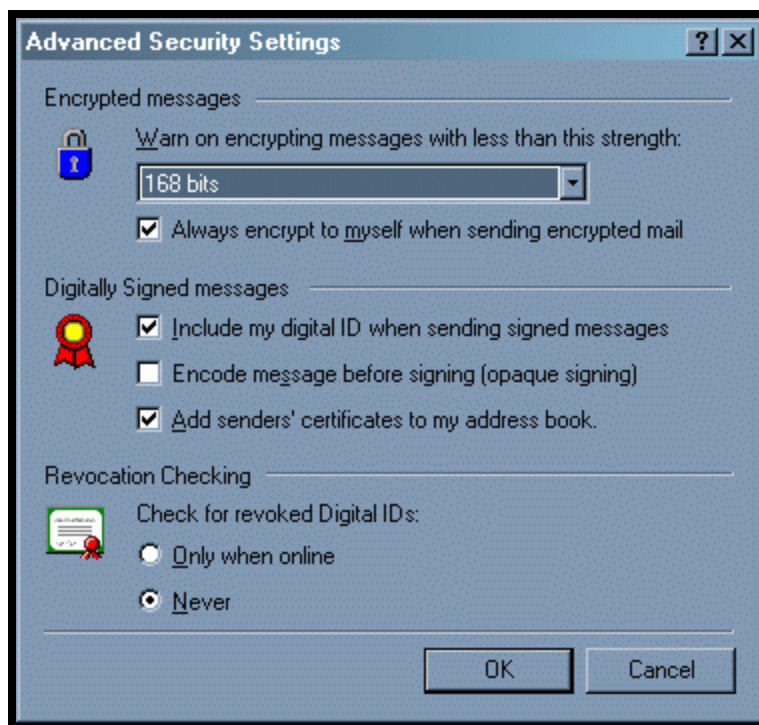


Figure 6.1.2-7: Advanced Settings

7. If you want to send your certificate (public key) with all messages, click the "Include my certificate with signed messages" check box to select it. See Figure 6.1.2-8 below. This allows the recipients of your messages to easily verify your message with your public key. For more information, see the "Adding a Certificate to the Address Book" in section 6.1.5 below.

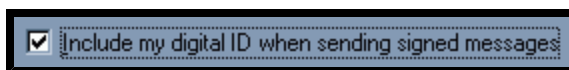


Figure 6.1.2-8: Include Digital ID check box

8. If you want to specify an encryption algorithm other than RC4 40-bit, click the appropriate option.
9. Click OK.
10. If you want to automatically digitally sign all outgoing messages, click the "Add digital signature to all outgoing messages" check box to select it. See Figure 6.1.2-9 below.



Figure 6.1.2-9: Add Digital Signature check box

11. If you want to automatically encrypt all outgoing messages, click the "Encrypt contents and attachments for all outgoing messages" check box to select it. See Figure 6.1.2-10 below.



Figure 6.1.2-10: Encrypt Contents check box

12. Click OK, and then click OK again.

6.1.3 Digitally Signing a Message

To digitally sign a message, you can use either of the following methods:

- ✎ Have Outlook Express automatically sign all messages each time you compose, reply to, or forward a message (see step 7 in the section titled "Configuring Security Features in Outlook Express").
- ✎ Click the Digitally Sign Message button. This button displays an envelope with a red ribbon. You can also click Digitally Sign on the Tools menu.

When a message is digitally signed, a red ribbon () appears to the right of the Subject line. When you click send, Outlook Express signs the message using your private key and sends the message.

If you do not have your private key installed on your computer, Outlook Express displays the following message:

The message could not be sent.
You cannot send digitally signed messages because you do not have any certificates. (OK)

The recipient must have your public key to verify that the digital signature on your message is trustworthy. Others cannot use your public key to send messages with your digital signature.

You can include your public key with the message (see step 7 in Section 6.1.2 above) or you can send your certificate files as an attachment. If the recipient's e-mail client is not S/MIME aware, the public key certificate appears as a file attachment with a .p7s extension. If the e-mail client is S/MIME aware, there is no visible enclosure.

6.1.4 Verifying a Digitally Signed Message

The recipient must have your public key to verify that the digital signature on your message is trustworthy. Others cannot use your public key to send messages with your digital signature.

When you view a digitally signed message and you have the sender's certificate (public key) imported into your address book and marked as Trusted By Me, the message can be viewed as

expected.

If you do not have the sender's certificate (public key) imported into your address book, Outlook Express displays the following security warning message:

The certificate used to sign this message is either not listed in your Address Book or marked as not trusted by you.

Continue to open this message?

If you have the sender's public key imported into your address book and the certificate is marked as Not Trusted By Me, Outlook Express displays the following security warning message:

You do not trust the certificate used to sign this message.

Continue to open this message?

6.1.5 Adding a Certificate to the Address Book

To be able to verify a sender's digital signature or to send encrypted mail, you must obtain the other person's certificate (public key) and import it into your address book.

There are two ways to obtain a public key:

- ✎ Look up the other person's public key by visiting VeriSign's Web site.
- ✎ You receive a digitally signed message that includes the sender's certificate (public key).

See Section 4 on the Industry Guide selection list to the left on how to install a public key from VeriSign (method 1).

To add a person's certificate to your address book from a signed message you receive (method 2), follow these steps:

1. Click the message to select it.
2. On the File menu, click Properties, and then click the Security tab. See Figure 6.1.5-1 below.

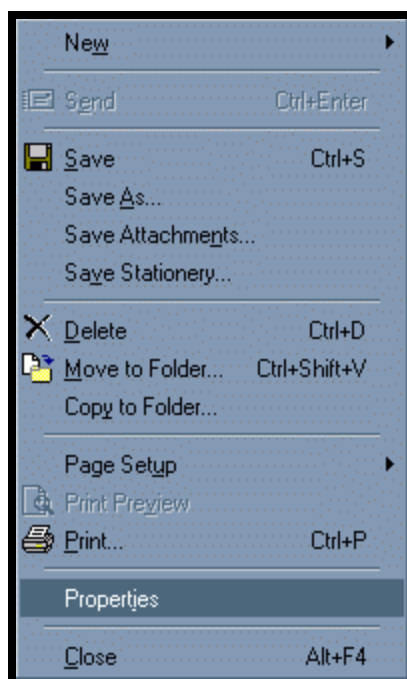


Figure 6.1.5-1: Properties selection

3. Click "Add the certificate to the address book."
4. Click OK

The default trust relationship for new certificates is Not Trust. To use the certificate, change the trust relationship by following these steps:


1. On the Tools menu, click Address Book.
2. Click the person's entry to select it, and then click Properties.
3. Click the Certificates tab.
4. Click the certificate, and then click Properties.
5. On the General tab, click Trusted By Me in the Trusted box.
6. Click OK, click OK, and then click Close on the File menu to close the Address Book.

6.1.6 *Encrypting a Message*

To encrypt a message so that only the recipient can decrypt the message, you need the recipient's certificate (public key) in your address book and the trust relationship set to Trusted By Me. See the

section titled "Adding a Certificate to the Address Book" for information about these items.

One way to encrypt a message is to have Outlook Express automatically encrypt all messages each time you compose, reply to, or forward a message (see step 11 in the section titled "Configuring Security Features in Outlook Express").

Another way is to click the Encrypt Message button on the toolbar. This button displays an envelope with a padlock (). You can also click Encrypt on the Tools menu.

When a message is encrypted, a round gray icon with a white padlock appears to the right of the Subject line. When you click send, Outlook Express encrypts the message using a secret key, encrypts that key with the recipient's public key, and sends the message.

6.1.7 Errors Received When Sending Encrypted Messages

If you send an encrypted message and you do not have the public key for one or many of the recipients (including yourself, the sender), Outlook Express displays the following security warning message:

You do not have a certificate. If you send this message, it will be sent properly, but you will not be able to read it in your sent items folder. Send anyway? (Yes/No)

If you try to read a message when you do not have the private key for one of the recipients (including yourself, the sender), Outlook Express displays the following message:

Your certificate is not listed among those that can decrypt this message. You cannot read it.

When you click OK, Outlook Express displays one of the following messages:

This message failed to display correctly in the Preview Pane.

- or -

One or more of the messages could not be opened.

If you do not have the recipient's public key in your address book, Outlook Express displays the following message:

You do not have valid certificates in the Address Book for the following recipients:

[list of recipients]

You must resolve the certificate problems listed above before you can send this message (Try Again).

6.1.8 Additional Notes

Each time you view a message that has been altered since it was sent, you receive a warning notification. The option to not notify you again applies to the current message only.

Some mail servers rewrite messages before sending them out. These messages are displayed as altered when received; it does not mean that someone has maliciously altered the message. If you receive many altered messages, check with your mail administrator to see if your mail server is causing the problem.

*Note: This information has been derived from and can be viewed at the [Microsoft](#) web site.

LS 113 - Live Cattle Daily Report (Current Established Prices)

Field Order	Livestock Form Item Label	Item Number	Data Type	Maximum Size	Required?	Allowable Values
1	Identification Number	1	A/N	5 characters	Yes	(Plant Establishment Number)
2	Reporting Date	9	Date	mm/dd/yyyy	Yes	(If not current date, data will be recorded as late)
3	Reporting Time	10	N	9	Yes	1, 2
4	Lot Identification	11	A/N	25 characters	Yes	Given by packer.
5	Source	12	N	9	Yes	1, 2
6	Purchase Type Code	13	N	9	Yes	1 – 3
7	Class Code	14	N	9	Yes	1 – 9
8	Selling Basis	15a	N	9	Yes	1, 2
9	Selling Basis Shipment	15b	N	9	Yes	1, 2
10	Head Count	16	N	999999	Yes	>0
11	Weight Range – Low	17a	N	9999.9	Yes	>=100 and <=3000
12	Weight Range – High	17b	N	9999.9	Yes	>=100 and <=3000
13	Estimated Average Weight	18	N	9999.9	Yes	>=17a and <=17b
14	Average Net Price	19	N	999.99	Yes	>0
15	% Choice or Better	20	N	999.9	Yes	>=0 and <=100
16	Classification Code	21	N	9	Yes	1 – 9
17	Dressing Percentage	22	N	999.9	Yes	>=0 and <=100
18	Origin	23	A	2 characters	Yes	Standard U.S. Postal Codes
19	Premium Paid – Weight	24a	N	999.99	-	>=0
20	Premium Paid –	24b	N	999.99	-	>=0

	Quality					
21	Premium Paid – Yield	24c	N	999.99	-	>=0
22	Discount Paid – Weight	24d	N	999.99	-	<=0
23	Discount Paid – Quality	24e	N	999.99	-	<=0
24	Discount Paid – Yield	24f	N	999.99	-	<=0
25	Packer Financing	25a	N	9	-	1, 2
26	Delivery Location	25b	N	9	-	1, 2
27	Delivery Date	25c	N	9	-	1, 2
28	Delivered	25d	N	9	-	1, 2

Allowable Values:

Reporting Time (Item Number 10): 1 – 10:00 am, 2 – 2:00 pm (Central Time)

Source (Item Number 12): 1 – Domestic, 2 – Imported

Purchase Type Code (Item Number 13): 1 – Negotiated, 2 – Formula Marketing Arrangement, 3 – Forward Contract

Class Code (Item Number 14): 1 – Mixed Steer/Heifer, 2 – Steer, 3 – Heifer, 4 – Dairybred Steer/Heifer, 5 – Mixed

Steer/Heifer/Cow, 6 – Dairy Cow, 7 – Beef Cow, 8 – Mixed Cow, 9 – Bull

Selling Basis (Item Number 15a): 1 – Live, 2 – Dressed

Selling Basis Shipment (Item Number 15b): 1 – FOB, 2 – Delivered

Classification Code (Item Number 21): 1 – Prime, 2 – Choice, 3 – Select, 4 – Standard, 5 – Premium White, 6 – Cutter/Canner

90%, 7 – Boner 85%, 8 – Breaker 75%, 9 – Bull 92%

Packer Financing (Item Number 25a): 1 – Yes, 2 – No (Did the packer provide any financing for the lot)

Delivery Location (Item Number 25b): 1 – Producer, 2 – Packer (Who determined the delivery location)

Delivery Date (Item Number 25c): 1 – Producer, 2 – Packer (Who determined the delivery date)

Delivered (Item Number 25d): 1 – 7 or less, 2 – 8 to 14

File Format:

ls113_ppppp_yyyymmddhhmmss.mpr

Mutually Exclusive Fields:

If Item Number 12 is “2”, Item Number 23 should be set to “CN” (Canada).

Sample Records:

- 1085,09/05/2000,1,good1,1,1,5,2,2,65,1150,1300,1200,65,66,1,64,MT,,,,,,,,,1
- 1085,09/05/2000,1,good2,2,3,7,1,2,75,2000,2400,2200,90,16,7,32,CN,541,663,136,-17,-489,-

980,1,1,1,1

- 1085,09/05/2000,1,good3,1,1,2,2,1,85,400,800,600,75,99,5,12,VA,,,,,,,,,1

Unique Record Based On:

- Plant ID
- Reporting Date
- Reporting Time
- Lot ID
- Head Count
- Estimated Average Weight
- Average Net Price
- Classification Code

Notes:

1. Live prices require live weights and dressed prices require dressed weights.
2. Calculating:
Field Order: 14
Livestock Form Item Label: Average Net Price
Item Number: 19

Total amount paid for the lot slaughtered at a packing plant / Total weight of lot * 100

Examples:

LS113, Item 19 - Average Net Price, depending on how you are reporting this price, this could be based on carcass or live weight basis.

Lot A

1 hd 900 lbs. with total price = \$585.00

1 hd 1200 lbs. with total price = \$840.00

Average net price for the lot = total amount paid for lot / total pounds x 100 or $((585.00 + 840.00) / 2100) * 100 = 67.86$

LS 114 - Live Cattle Daily Report (Committed and Delivered)

Field Order	Livestock Form Item Label	Item Number	Data Type	Maximum Size	Required?	Allowable Values
1	Identification Number	1	A/N	5 characters	Yes	(Plant Establishment Number)
2	Reporting Date	9	Date	mm/dd/yyyy	Yes	(If not current date, data will be recorded as late)
3	Reporting Time	10	N	9	Yes	1, 2
4	Lot Identification	11	A/N	25 characters	Yes	Given by packer.
5	Purchase Basis	12	N	9	Yes	1, 2
6	Source	13	N	9	Yes	1, 2
7	Purchase Type Code	14	N	9	Yes	1 – 3
8	Class Code	15	N	9	Yes	1 – 9
9	Selling Basis	16	N	9	Yes	1, 2
10	Head Count	17	N	999999	Yes	>0
11	Origin	18	A	2 characters	Yes	Standard U.S. Postal Codes
12	Packer Financing	19a	N	9	-	1, 2
13	Delivery Location	19b	N	9	-	1, 2
14	Delivery Date	19c	N	9	-	1, 2
15	Delivered	19d	N	9	Yes	1, 2

Allowable Values:

Reporting Time (Item Number 10): 1 – 10:00 am, 2 – 2:00 pm (Central Time)

Purchase Basis (Item Number 12): 1 – Delivered, 2 – Committed

Source (Item Number 13): 1 – Domestic, 2 – Imported

Purchase Type Code (Item Number 14): 1 – Negotiated, 2 – Formula Marketing Arrangement, 3 – Forward Contract

Class Code (Item Number 15): 1 – Mixed Steer/Heifer, 2 – Steer, 3 – Heifer, 4 – Dairybred Steer/Heifer, 5 – Mixed

Steer/Heifer/Cow, 6 – Dairy Cow, 7 – Beef Cow, 8 – Mixed Cow, 9 – Bull

Selling Basis (Item Number 16): 1 – Live, 2 – Dressed

Packer Financing (Item Number 19a): 1 – Yes, 2 – No (Did the packer provide any financing for the lot)

Delivery Location (Item Number 19b): 1 – Producer, 2 – Packer (Who determined the delivery)

location)

Delivery Date (Item Number 19c): *1 – Producer, 2 – Packer* (Who determined the delivery date)

Delivered (Item Number 19d): *1 – 7 or less, 2 – 8 to 14*

File Format:

ls114_ppppp_yyyymmddhhmmss.mpr

Mutually Exclusive Fields:

- If Item Number 13 is “2”, Item Number 18 should be set to “CN” (Canada).
- If Item Number 14 is “2 or 3”, use all Item Numbers.

Sample Records:

- 1085,09/05/2000,1,good1,1,1,2,3,2,90,TX,2,1,1,1
- 1085,09/05/2000,1,good2,2,2,1,5,2,85,CN,,,1
- 1085,09/05/2000,1,good3,1,1,2,9,1,10,MD,2,1,1,1

Unique Record Based On:

- All Fields

Notes:

1. Live prices require live weights and dressed prices require dressed weights.

LS 115(A) - Live Cattle Weekly Report (Forward Contract and Packer Owned), File 1 of 3 (Prior Week Slaughtered Cattle Head Counts)

Field Order	Livestock Form Item Label	Item Number	Data Type	Maximum Size	Required?	Allowable Values
1	Identification Number	1	A/N	5 characters	Yes	(Plant Establishment Number)
2	Reporting Date	9	Date	mm/dd/yyyy	Yes	(If not current date, data will be recorded as late)
3	Reporting Time	10	N	9	Yes	3
4	Domestic, Forward Contract	20	N	999999	Yes	>=0
5	Domestic, Formula Arrangement	21	N	999999	Yes	>=0
6	Imported, Forward Contract	22	N	999999	Yes	>=0
7	Imported, Formula Arrangement	23	N	999999	Yes	>=0

Allowable Values:

Reporting Time (Item Number 10): 3 – *Not Applicable*

File Format:

ls115a_ppppp_yyyymmddhhmmss.mpr

Mutually Exclusive Fields:

Use all Item Numbers.

Sample Records:

- 1085,09/05/2000,3,42242,95656,126,3265
- 1085,09/05/2000,3,0,0,0,10925
- 1085,09/05/2000,3,159874,1564,999,0

Unique Record Based On:

- Identification Number (Plant ID)
- Reporting Date
- Reporting Time

Notes:

1. Live prices require live weights and dressed prices require dressed weights.

LS 115(B) - Live Cattle Weekly Report (Forward Contract and Packer Owned), File 2 of 3 (Slaughtered Packer Owned Cattle)

Field Order	Livestock Form Item Label	Item Number	Data Type	Maximum Size	Required?	Allowable Values
1	Identification Number	1	A/N	5 characters	Yes	(Plant Establishment Number)
2	Reporting Date	9	Date	mm/dd/yyyy	Yes	(If not current date, data will be recorded as late)
3	Reporting Time	10	N	9	Yes	3
4	Lot Identification	11	A/N	25 characters	Yes	Given by packer.
5	Source	12	N	9	Yes	1, 2
6	Head Count	13	N	999999	Yes	>0
7	Actual Carcass Weight Range – Low	14a	N	9999.9	Yes	>=100 and <=3000
8	Actual Carcass Weight Range – High	14b	N	9999.9	Yes	>=100 and <=3000
9	Actual Average Carcass Weight	15	N	9999.9	Yes	>=14a and <= 14b
10	Average Dressing Percentage	16	N	999.9	Yes	>=0 and <=100
11	% Yield Grade 3 or Better	17	N	999.9	Yes	>=0 and <=100
12	% Quality Grade Choice or Better	18	N	999.9	Yes	>=0 and <=100
13	% Quality Grade Select	19	N	999.9	Yes	>=0 and <=100

Allowable Values:

Reporting Time (Item Number 10): 3 – *Not Applicable*

Source (Item Number 12): 1 – *Domestic*, 2 – *Imported*

File Format:

ls115b_ppppp_yyyymmddhhmmss.mpr

Mutually Exclusive Fields:

≠ Use all Item Numbers.

≠ If form ls115b is used, then at minimum, it is required to use ls115a. For each row, the plant establishment

number, date, and time

codes must match with those found in ls115a, otherwise the row will be invalidated.

Sample Records:

⚡ 1085,09/05/2000,3,good1,1,235,400,850,625,63,54,59,78
 ⚡ 1085,09/05/2000,3,good2,2,1235,700,850,775,63.5,10,40,43
 ⚡ 1085,09/05/2000,3,good3,1,11235,700,900,800,78.5,22,54,28

Unique Record Based On:

⚡ Identification Number (Plant ID)
 ⚡ Reporting Date
 ⚡ Reporting Time
 ⚡ Lot Identification
 ⚡ Head Count
 ⚡ Actual Average Carcass Weight
 ⚡ % Quality Grade Choice or Better

Notes:

1. Live prices require live weights and dressed prices require dressed weights.

LS 115(C) - Live Cattle Weekly Report (Forward Contract and Packer Owned), File 3 of 3 (Forward Contract Purchased Cattle)

Field Order	Livestock Form Item Label	Item Number	Data Type	Maximum Size	Required?	Allowable Values
1	Identification Number	1	A/N	5 characters	Yes	(Plant Establishment Number)
2	Reporting Date	9	Date	mm/dd/yyyy	Yes	(If not current date, data will be recorded as late)
3	Reporting Time	10	N	9	Yes	3
4	Lot Identification	24	A/N	25 characters	Yes	Given by packer.
5	Head Count	25	N	999999	Yes	>0
6	Basis Level	26	N	999.99	Yes	>=0 or <=0
7	Delivery Month	27	A/N	999	Yes	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec

Allowable Values:

Reporting Time (Item Number 10): 3 – *Not Applicable*

File Format:

ls115c_ppppp_yyyymmddhhmmss.mpr

Mutually Exclusive Fields:

- Use all Item Numbers.
- If form ls115c is used, then at minimum, it is required to use ls115a. For each row, the plant establishment number, date, and time codes must match with those found in ls115a, otherwise the row will be invalidated.

Sample Records:

- 1085,09/05/2000,3,good1,345234,95.40,Jan
- 1085,09/05/2000,3,good2,3253,400.23,Jan
- 1085,09/05/2000,3,good3,33455,152.4,Jan

Unique Record Based On:

- Identification Number (Plant ID)
- Reporting Date
- Reporting Time
- Lot Identification
- Delivery Month

Notes:

1. Live prices require live weights and dressed prices require dressed weights.

LS 116 - Live Cattle Weekly Report (Formula Purchases)

Field Order	Livestock Form Item Label	Item Number	Data Type	Maximum Size	Required?	Allowable Values
1	Identification Number	1	A/N	5 characters	Yes	(Plant Establishment Number)
2	Reporting Date	9	Date	mm/dd/yyyy	Yes	(If not current date, data will be recorded as late)
3	Reporting Time	10	N	9	Yes	3
4	Lot Identification	11	A/N	25 characters	Yes	Given by packer.
5	Source	12	N	9	Yes	1, 2
6	Head Count	13	N	999999	Yes	>0
7	Total Pounds	14	N	999999999	Yes	>0
8	Weighted Average Carcass Price	15	N	999.99	Yes	>=16a and <=16b
9	Price Range – Low	16a	N	999.99	Yes	>0
10	Price Range – High	16b	N	999.99	Yes	>0
11	Premium/Discount Range – Low	17a	N	999.99	Yes	<=0 or >= 0 AND <=17b
12	Premium/Discount Range – High	17b	N	999.99	Yes	<=0 or >= 0 AND >=17a (Premium = Positive, Discount = Negative)
13	Premium/Discount Range – Weighted Average	18	N	999.99	Yes	>=0 and <=0 (premium = positive, discount = negative)
14	Packer Financing	19a	N	9	Yes	1, 2
15	Delivery Location	19b	N	9	Yes	1, 2
16	Delivery Date	19c	N	9	Yes	1, 2

Allowable Values:

Reporting Time (Item Number 10): 3 – *Not Applicable*

Source (Item Number 12): 1 – *Domestic*, 2 – *Imported*

Packer Financing (Item Number 19a): 1 – *Yes*, 2 – *No*

Delivery Location (Item Number 19b): 1 – *Producer*, 2 – *Packer*

Delivery Date (Item Number 19c): 1 – *Producer*, 2 – *Packer*

File Format:

ls116_ppppp_yyyymmddhhmmss.mpr

Mutually Exclusive Fields:

Use all Item Numbers.

Sample Records:

✎ 1085,09/05/2000,3,good1,1,111,999999,500,250,750,99.99,999.99,500,1,1,1
 ✎ 1085,09/05/2000,3,good2,2,222,777777,750,500,999.99,-50,0,-25,2,1,1
 ✎ 1085,09/05/2000,3,good3,1,333,555555,300,299,301,-111.1,0,-75,2,2,2

Unique Record Based On:

✎ Identification Number (Plant ID)
 ✎ Reporting Date
 ✎ Reporting Time
 ✎ Lot Identification
 ✎ Head Count
 ✎ Total Pounds
 ✎ Weighted Average Carcass Price

Notes for LS116:

1. Live prices require live weights and dressed prices require dressed weights.
2. Block 18 Instructions for calculating the Premium/Discount Weighted Average (\$/cwt)

Example:

Purchase: 1 lot of 10 head

Consist:

QG	YG	Wght	Premiums			Discounts		
			QG	YG	Wght	QG	YG	Wght
CH-	3.2	750	-	-	-	-	-	-
CH-	3.6	725	-	-	-	-	-1.00	-
CH-	2.4	700	-	+2.00	-	-	-	-
SE+	2.2	650	-	+2.00	-	-5.00	-	-
CH+	3.7	825	+3.00	-	-	-	-1.00	-
CH+	4.2	875	+3.00	-	-	-	-15.00	-
CH-	2.9	625	-	+1.00	-	-	-	-
PR-	4.5	925	+5.00	-	-	-	-15.00	-
SE+	1.8	700	-	+5.00	-	-5.00	-	-
CH-	2.3	550	-	+2.00	-	-	-	-15.00

Weighted Average Calculation:

$$\begin{aligned}
 & (+3.00 * -2) / 15 + (+5.00 * 2) / 15 + (+2.00 * 3) / 15 + \\
 & (+1.00 * 1) / 15 + (-5.00 * 2) / 15 + (-1.00 * 2) / 15 + (-15.00 * 3) / 15 = \\
 & +0.400 +0.667 +0.400 +0.067 -0.667 -0.133 -3.000 = \\
 & \text{Total} = -2.267
 \end{aligned}$$

Weighted Average of Premiums and Discounts Paid = -\$2.27

Range of Premiums and Discounts Paid = -\$15.00 to \$5.00

**Notes: (1): 15 equals the total number of individual premiums and discounts paid on the lot of cattle.

3. LS 116 block 15 : Calculating the weighted average carcass price for each lot:

LS116, Item 15 - Weighted Average Carcass Price

Lot A

1 hd 540 lb. carcass with net/cwt of \$108.00= $540 \times 108 = \$583.20$

1 hd 768 lb. carcass with net of \$109.00= $768 \times 109 = \$837.12$

Weighted average price= $583.20 + 837.12 / \text{total pounds} \times 100 = \108.59

LS 117 - Cattle Premiums and Discounts Weekly Report

Field Order	Livestock Form Item Label	Item Number	Data Type	Maximum Size	Required?	Allowable Values
1	Identification Number	1	A/N	5 characters	Yes	(Plant Establishment Number)
2	Reporting Date	9	Date	mm/dd/yyyy	Yes	(If not current date, data will be recorded as late)
3	Reporting Time	10	N	9	Yes	3
4	Premium/Discount – Prime	11	N	999.99	Yes	<=0 or >= 0 (Premium = Positive, Discount = Negative)
5	Premium/Discount – Choice	12	N	999.99	Yes	<=0 or >= 0 (Premium = Positive, Discount = Negative)
6	Premium/Discount – Select	13	N	999.99	Yes	<=0 or >= 0 (Premium = Positive, Discount = Negative)
7	Premium/Discount – Standard	14	N	999.99	Yes	<=0 or >= 0 (Premium = Positive, Discount = Negative)
8	Premium/Discount – Avg Choice or Better	15	N	999.99	Yes	<=0 or >= 0 (Premium = Positive, Discount = Negative)
9	Premium/Discount – Dairy Type	16	N	999.99	Yes	<=0 or >= 0 (Premium = Positive, Discount = Negative)
10	Premium/Discount – Bullock/Stag	17	N	999.99	Yes	<=0 or >= 0 (Premium = Positive, Discount = Negative)
11	Premium/Discount – Hardbone	18	N	999.99	Yes	<=0 or >= 0 (Premium = Positive, Discount

						= Negative)
12	Premium/Discount – Dark Cutter	19	N	999.99	Yes	<=0 or >= 0 (Premium = Positive, Discount = Negative)
13	Premium/Discount – YG 1.0 – 2.0	20	N	999.99	Yes	<=0 or >= 0 (Premium = Positive, Discount = Negative)
14	Premium/Discount – YG 2.0 – 2.5	21	N	999.99	Yes	<=0 or >= 0 (Premium = Positive, Discount = Negative)
15	Premium/Discount – YG 2.5 – 3.0	22	N	999.99	Yes	<=0 or >= 0 (Premium = Positive, Discount = Negative)
16	Premium/Discount – YG 3.0 – 3.5	23	N	999.99	Yes	<=0 or >= 0 (Premium = Positive, Discount = Negative)
17	Premium/Discount – YG 3.5 – 4.0	24	N	999.99	Yes	<=0 or >= 0 (Premium = Positive, Discount = Negative)
18	Premium/Discount – YG 4.0 – 5.0	25	N	999.99	Yes	<=0 or >= 0 (Premium = Positive, Discount = Negative)
19	Premium/Discount – YG 5.0/up	26	N	999.99	Yes	<=0 or >= 0 (Premium = Positive, Discount = Negative)
20	Premium/Discount – 400 – 500 lbs. Carcass	27	N	999.99	Yes	<=0 or >= 0 (Premium = Positive, Discount = Negative)
21	Premium/Discount – 500 – 550 lbs. Carcass	28	N	999.99	Yes	<=0 or >= 0 (Premium = Positive, Discount = Negative)
	Premium/Discount –					<=0 or >= 0 (Premium =

22	550 – 600 lbs. Carcass	29	N	999.99	Yes	Positive, Discount = Negative)
23	Premium/Discount – 600 – 900 lbs. Carcass	30	N	999.99	Yes	<=0 or >= 0 (Premium = Positive, Discount = Negative)
24	Premium/Discount – 900 – 950 lbs. Carcass	31	N	999.99	Yes	<=0 or >= 0 (Premium = Positive, Discount = Negative)
25	Premium/Discount – 950 – 1000 lbs. Carcass	32	N	999.99	Yes	<=0 or >= 0 (Premium = Positive, Discount = Negative)
26	Premium/Discount – over 1000 lbs. Carcass	33	N	999.99	Yes	<=0 or >= 0 (Premium = Positive, Discount = Negative)
27	Premium/Discount – Hide	34	N	999.99	Yes	<=0 or >= 0 (Premium = Positive, Discount = Negative)
28	Premium/Discount – Other Description	35a	A/N	100 characters	-	-
29	Premium/Discount – Other Value	35b	N	999.99	-	<=0 or >= 0 (Premium = Positive, Discount = Negative)
30	Premium/Discount – Other Description	36a	A/N	100 characters	-	-
31	Premium/Discount – Other Value	36b	N	999.99	-	<=0 or >= 0 (Premium = Positive, Discount = Negative)
32	Premium/Discount – Other Description	37a	A/N	100 characters	-	-
33	Premium/Discount – Other Value	37b	N	999.99	-	<=0 or >= 0 (Premium = Positive, Discount = Negative)
34	Premium/Discount – Other Description	38a	A/N	100 characters	-	-

35	Premium/Discount – Other Value	38b	N	999.99	-	<=0 or >= 0 (Premium = Positive, Discount = Negative)
36	Premium/Discount – Other Description	39a	A/N	100 characters	-	-
37	Premium/Discount – Other Value	39b	N	999.99	-	<=0 or >= 0 (Premium = Positive, Discount = Negative)

Allowable Values:

Reporting Time (Item Number 10): 3 – *Not Applicable*

File Format:

ls117_ppppp_yyyymmddhhmmss.mpr

Mutually Exclusive Fields:

None.

Sample Records:

- 1085,09/05/2000,3,497.35,977.21,818.42,-34.17,-739.60,509.26,872.13,244.95,100.70,-804.28,824.20,520.47,109.18,566.32,
150.63,781.68,954.84,989.58,193.23,627.93,-282.70,-301.09,-739.84,53.23,good1,112,good2,-143,good233,474,good4,-344,
good5,655
- 1085,09/05/2000,3,824.20,520.47,109.18,566.32,150.63,781.68,954.84,989.58,-739.60,509.26,872.13,244.95,100.70,-804.28,
193.23,627.93,497.35,977.21,818.42,-34.17,53.23,-282.70,-301.09,-739.84,good1,232,good2,-234,good456,543,good4,-754,
good5,455
- 1085,09/05/2000,3,-739.60,509.26,781.68,954.84,989.58,193.23,627.93,-282.70,-301.09,872.13,244.95,100.70,-804.28,
824.20,520.47,109.18,566.32,150.63,-739.84,497.35,977.21,818.42,-34.17,53.23,,,,,,,,,

Unique Record Based On:

- Identification Number (Plant ID)
- Reporting Date
- Reporting Time

Notes:

1. Live prices require live weights and dressed prices require dressed weights.

LS 118(A) – Swine Prior Day Report (File 1 of 3)

Field Order	Livestock Form Item Label	Item Number	Data Type	Maximum Size	Required?	Allowable Values
1	Identification Number	1	A/N	5 characters	Yes	(Plant Establishment Number)
2	Reporting Date	9	Date	mm/dd/yyyy	Yes	(If not current date, data will be recorded as late)
3	Reporting Time	10	N	9	Yes	3
4	Scheduled Swine – Head Count for Day 1	32	N	999999	Yes	>=0
5	Scheduled Swine – Head Count for Day 2	33	N	999999	Yes	>=0
6	Scheduled Swine – Head Count for Day 3	34	N	999999	Yes	>=0
7	Scheduled Swine – Head Count for Day 4	35	N	999999	Yes	>=0
8	Scheduled Swine – Head Count for Day 5	36	N	999999	Yes	>=0
9	Scheduled Swine – Head Count for Day 6	37	N	999999	Yes	>=0
10	Scheduled Swine – Head Count for Day 7	38	N	999999	Yes	>=0
11	Scheduled Swine – Head Count for Day 8	39	N	999999	Yes	>=0
12	Scheduled Swine – Head Count for Day 9	40	N	999999	Yes	>=0
13	Scheduled Swine – Head Count for Day 10	41	N	999999	Yes	>=0

14	Scheduled Swine – Head Count for Day 11	42	N	999999	Yes	>=0
15	Scheduled Swine – Head Count for Day 12	43	N	999999	Yes	>=0
16	Scheduled Swine – Head Count for Day 13	44	N	999999	Yes	>=0
17	Scheduled Swine – Head Count for Day 14	45	N	999999	Yes	>=0

Allowable Values:

Reporting Time (Item Number 10): 3 – *Not Applicable*

File Format:

ls118a_ppppp_yyyymmddhhmmss.mpr

Mutually Exclusive Fields:

Use all Item Numbers.

Sample Records:

- 1085,9/5/2000,3,123,321,654,456,987,789,963,369,852,258,147,741,951,753
- 1085,9/5/2000,3,159874,526598,123658,985896,547854,525266,659874,456231,159896,123456,147,636956
- 1085,9/5/2000,3,100,1000,10000,100000,0,0,999,9999,99999,999999,9,0,0,0

Unique Record Based On:

- Identification Number (Plant ID)
- Reporting Date
- Reporting Time

Notes:

1. Reporting clarification for LS118 files:
 - 118a,b,c files, prior day data is due at 7:00am CT of reporting date
 - 118a, day 1 is scheduled hogs for reporting day, day 2 tomorrow, etc.
 - 118b, slaughter information from prior day
 - 118c, everything purchased from midnight to midnight for the prior day.

LS 118(B) - Swine Prior Day Report (File 2 of 3)

Field Order	Livestock Form Item Label	Item Number	Data Type	Maximum Size	Required?	Allowable Values
1	Identification Number	1	A/N	5 characters	Yes	(Plant Establishment Number)
2	Reporting Date	9	Date	mm/dd/yyyy	Yes	(If not current date, data will be recorded as late)
3	Reporting Time	10	N	9	Yes	3
4	Slaughtered Swine – Lot Identification	11	A/N	25 characters	Yes	Given by packer.
5	Slaughtered Swine – Class Code	12	N	9	Yes	1 – 3
6	Slaughtered Swine – Purchase Type Code	13	N	9	-	1 – 9
7	Slaughtered Swine – Head Count	14	N	999999	Yes	>0
8	Slaughtered Swine – Base Price	15	N	999.99	-	>0
9	Slaughtered Swine – Average Net Price	16	N	999.99	-	>0
10	Slaughtered Swine – Lowest Net Price	17	N/A	N/A	-	Obsolete (leave blank)
11	Slaughtered Swine – Highest Net Price	18	N/A	N/A	-	Obsolete (leave blank)
12	Slaughtered Swine – Average Live Weight	19	N	9999.9	-	>=10 and <=1000
13	Slaughtered Swine – Avg Carcass Weight	20	N	9999.9	-	>=10 and <=1000
14	Slaughtered Swine – Average Sort Loss	21	N	999.99	-	<=0
	Slaughtered Swine					

15	–Average Backfat	22	N	99.99	-	>0
16	Slaughtered Swine –Average Loin Depth	23	N	99.99	-	>0
17	Slaughtered Swine – Average Lean Percentage	24	N	999.9	-	>=0 and <=100

Allowable Values:

Reporting Time (Item Number 10): 3 – *Not Applicable*

Class Code (Item Number 12): 1 – *Barrows/Gilts*, 2 – *Sow*, 3 – *Boars/Stags*

Purchase Type Code (Item Number 13): 1 – *Negotiated*, 2 – *Other Market Formula*, 3 – *Swine or Pork Market Formula*, 4 – *Other*

Purchase Arrangement, 5 – *Packer Sold Negotiated*, 6 – *Packer*

Sold Other Market

Formula, 7 – *Packer Sold Swine or Pork Market Formula*, 8 –

Packer Sold Other

Purchase Arrangement, 9 – *Packer Owned*

File Format:

ls118b_ppppp_yyyymmddhhmmss.mpr

Mutually Exclusive Fields:

- If Item Number 13 is “9”, do not use Item Numbers 15, 16, 17, 18 and 21.
- If form ls118b is used, then at minimum, it is required to use ls118a. For each row, the plant establishment number, date, and time codes must match with those found in ls118a, otherwise the row will be invalidated.

Sample Records:

- 1085,09/05/2000,3,good1,1,5,277188,421.05,75.50,31.76,156.37,930.3,433.2,-819.50,45.64,76.86,39.7
- 1085,09/05/2000,3,good2,2,7,99999,123.62,300,,200,100.1,-654,15.89,15.89,10
- 1085,09/05/2000,3,good3,3,8,75654,46.51,425.50,,635.7,198,12.25,25,35,99

Unique Record Based On:

- Identification Number (Plant ID)
- Reporting Date
- Reporting Time
- Lot Identification

Notes:

1. LS118B, Zeros are not allowable values for Item Numbers-14,15,16,22 & 23.

LS 118(C) – Swine Prior Day Report (File 3 of 3)

Field Order	Livestock Form Item Label	Item Number	Data Type	Maximum Size	Required?	Allowable Values
1	Identification Number	1	A/N	5 characters	Yes	(Plant Establishment Number)
2	Reporting Date	9	Date	mm/dd/yyyy	Yes	(If not current date, data will be recorded as late)
3	Reporting Time	10	N	9	Yes	3
4	Purchased Swine – Lot Identification	25	A/N	25 characters	Yes	Given by packer.
5	Purchased Swine – Ownership Code	26	N	9	Yes	1 – 3
6	Purchased Swine – Class Code	27	N	9	Yes	1 – 3
7	Purchased Swine – Purchase Type Code	28	N	9	Yes	1 – 9
8	Purchased Swine – Head Count	29	N	999999	Yes	>0
9	Purchased Swine – Avg. Live Weight	30	N	9999.9	-	>=10 and <=1000
10	Purchased Swine – Base Price	31	N	999.99	-	>0

Allowable Values:

Reporting Time (Item Number 10): 3 – *Not Applicable*

Ownership Code (Item Number 26): 1 – *Packer Owned*, 2 – *Packer Sold*, 3 – *All Other*

Class Code (Item Number 27): 1 – *Barrows/Gilts*, 2 – *Sow*, 3 – *Boars/Stags*

Purchase Type Code (Item Number 28): 1 – *Negotiated*, 2 – *Other Market Formula*, 3 – *Swine or Pork Market Formula*, 4 – *Other*

Purchase Arrangement, 5 – *Packer Sold Negotiated*, 6 – *Packer Sold Other Market*

Formula, 7 – *Packer Sold Swine or Pork Market Formula*, 8 – *Packer Sold Other*

Purchase Arrangement, 9 – *Packer Owned*

File Format:

ls118c_ppppp_yyyymmddhhmmss.mpr

Mutually Exclusive Fields:

- If Item Number 26 is “1”, then do not use Item Number 31.
- If you use Item Number 30, then Item Number 31 is based on the Average Live Weight. If you do not use Item Number 30, then Item Number 31 is based on the Average Carcass Weight.
- If form ls118c is used, then at minimum, it is required to use ls118a. For each row, the plant establishment number, date, and time codes must match with those found in ls118a, otherwise the row will be invalidated.

Sample Records:

- 1085,09/05/2000,3,good1,1,3,3,159753,242.0,
- 1085,09/05/2000,3,good2,2,2,5,654798,1000,62.25
- 1085,09/05/2000,3,good3,3,1,6,1000,556.5,2.50

Unique Record Based On:

- Identification Number (Plant ID)
- Reporting Date
- Reporting Time
- Lot Identification

LS 119(A) – Swine Daily Report (File 1 of 2)

Field Order	Livestock Form Item Label	Item Number	Data Type	Maximum Size	Required?	Allowable Values
1	Identification Number	1	A/N	5 characters	Yes	(Plant Establishment Number)
2	Reporting Date	9	Date	mm/dd/yyyy	Yes	(If not current date, data will be recorded as late)
3	Reporting Time	10	N	9	Yes	1, 2
4	Packer Sold Est. Negotiated Purchases	18	N	999999	Yes	>=0
5	Packer Sold Est. Other Market Formula Purchases	19	N	999999	Yes	>=0
6	Packer Sold Est. Swine/Pork Market Formula Purchases	20	N	999999	Yes	>=0
7	Packer Sold Est. Other Arrangement Purchases	21	N	999999	Yes	>=0
8	Packer Sold Act. Negotiated Purchases	22	N	999999	Yes	>=0
9	Packer Sold Act. Other Market Formula Purchases	23	N	999999	Yes	>=0
10	Packer Sold Act. Swine/Pork Market Formula Purchases	24	N	999999	Yes	>=0
11	Packer Sold Act. Other Arrangement Purchases	25	N	999999	Yes	>=0
12	All Other Est. Negotiated Purchases	26	N	999999	Yes	>=0
13	All Other Est. Other Market Formula Purchases	27	N	999999	Yes	>=0

14	All Other Est. Swine/Pork Market Formula Purchases	28	N	999999	Yes	>=0
15	All Other Est. Other Arrangement Purchases	29	N	999999	Yes	>=0
16	All Other Act. Negotiated Purchases	30	N	999999	Yes	>=0
17	All Other Act. Other Market Formula Purchases	31	N	999999	Yes	>=0
18	All Other Act. Swine/Pork Market Formula Purchases	32	N	999999	Yes	>=0
19	All Other Act. Other Arrangement Purchases	33	N	999999	Yes	>=0

Allowable Values:

Reporting Time (Item Number 10): 1 – 10:00 am, 2 – 2:00 pm (Central Time)

File Format:

ls119a_ppppp_yyyymmddhhmmss.mpr

Mutually Exclusive Fields:

Use all Item Numbers.

Sample Records:

- 1085,09/05/2000,2,311695,924754,646064,439621,576372,305355,944503,723612,906135,855075,2,845437,358887,3476
- 1085,09/05/2000,1,147,365,987,456,321,123,654,789,951,263,487,159,789,335,311,444
- 1085,09/05/2000,2,177446,654896,213549,546241,159645,98715,1563,561468,135635,6541,1561,16

Unique Record Based On:

- Identification Number (Plant ID)
- Reporting Date
- Reporting Time

Notes:

1. Due 10:00am of reporting date

119a, your estimates for the day, and your actual purchases from 00:01 of reporting date to 9:30 am.

119b, your purchases since 00:01 of reporting date to 9:30 am

NOTE: Totals for actual purchases in 119a should match totals of the corresponding purchase type

in 119b for 00:01 to 9:30 am.

2. Due 2:00pm of reporting date

119a, your estimates for the day, and your actual purchases from 00:01 of reporting date to 1:30pm

119b, your purchases for the day since 9:30 am to 1:30 pm.

NOTE: Totals for actual purchases in 119a should match totals of the corresponding purchase type in 119b for 00:01 to 1:30 am.

LS 119(B) – Swine Daily Report (File 2 of 2)

Field Order	Livestock Form Item Label	Item Number	Data Type	Maximum Size	Required?	Allowable Values
1	Identification Number	1	A/N	5 characters	Yes	(Plant Establishment Number)
2	Reporting Date	9	Date	mm/dd/yyyy	Yes	(If not current date, data will be recorded as late)
3	Reporting Time	10	N	9	Yes	1, 2
4	Lot Identification	11	A/N	25 characters	Yes	Given by packer.
5	Purchased Swine –Purchase Type Code	12	N	9	Yes	1 – 8
6	Purchased Swine – Live Weight	13	N	999999.9	-	>0
7	Purchased Swine –Class Code	14	N	9	Yes	1 – 3
8	Purchased Swine –Head Count	15	N	999999	Yes	>0
9	Purchased Swine – Base Price	16	N	999.99	Yes	>0
10	Purchased Swine –Origin	17	A	2 characters	Yes	Standard U.S. Postal Codes

Allowable Values:

Reporting Time (Item Number 10): 1 – 10:00 am, 2 – 2:00 pm (Central Time)

Purchase Type Code (Item Number 12): 1 – Negotiated, 2 – Other Market Formula, , 3 – Swine or Pork Market Formula, 4 –

Other Purchase Arrangement, 5 – Packer Sold Negotiated , 6 –

Packer Sold Other Market

Formula, 7 – Packer Sold Swine or Pork Market Formula, 8 –

Packer Sold Other

Purchase Arrangement

Class Code (Item Number 14): 1 – Barrows/Gilts, 2 – Sow, 3 – Boars/Stags

File Format:

ls119b_ppppp_yyyymmddhhmmss.mpr

Mutually Exclusive Fields:

- If hogs are purchased on a carcass weight, do not use Item Number 13.
- If you use Item Number 13, then Item Number 16 is based on the Average Live Weight. If you do not

use Item Number 13, then Item

Number 16 is based on the carcass weight.

- If form ls119b is used, then at minimum, it is required to use ls119a. For each row, the plant establishment number, date, and time codes must match with those found in ls119a, otherwise the row will be invalidated.

Sample Records:

- 1085,09/05/2000,1,good1,4,21251,3,18796,453,VA
- 1085,09/05/2000,2,good2,7,65415.8,1,122115,150,TX
- 1085,09/05/2000,1,good3,1,1566.1,2,10001,456.50,CA

Unique Record Based On:

- Identification Number (Plant ID)
- Reporting Date
- Reporting Time
- Lot Identification

LS 120 – Weekly NonCarcass Merit Premium Swine Report

Field Order	Livestock Form Item Label	Item Number	Data Type	Maximum Size	Required?	Allowable Values
1	Identification Number	1	A/N	5 characters	Yes	(Plant Establishment Number)
2	Reporting Date	9	Date	mm/dd/yyyy	Yes	(If not current date, data will be recorded as late)
3	Reporting Time	10	N	9	Yes	3
4	Noncarcass Merit – Volume – Low Range	11a	N	99.99	-	>=0 and <=20
5	Noncarcass Merit – Volume – High Range	11b	N	99.99	-	>=0 and <=20
6	Noncarcass Merit – Transportation – Low Range	12a	N	99.99	-	>=0 and <=20
7	Noncarcass Merit – Transportation – High Range	12b	N	99.99	-	>=0 and <=20
8	Noncarcass Merit – Delivery Timing – Low Range	13a	N	99.99	-	>=0 and <=20
9	Noncarcass Merit – Delivery Timing – High Range	13b	N	99.99	-	>=0 and <=20
10	Noncarcass Merit – Breed – Low Range	14a	N	99.99	-	>=0 and <=30
11	Noncarcass Merit – Breed – High Range	14b	N	99.99	-	>=0 and <=30
12	Noncarcass Merit – NPPC Quality Assurance – Low Range	15a	N	99.99	-	>=0 and <=20
13	Noncarcass Merit – NPPC Quality Assurance – High Range	15b	N	99.99	-	>=0 and <=20

14	Other Description	16a	A/N	100 characters	-	-
15	Other Value – Low Range	16b	N	99.99	-	>=0 and <=20
16	Other Value – High Range	16c	N	99.99	-	>=0 and <=20
17	Other Description	17a	A/N	100 characters	-	-
18	Other Value – Low Range	17b	N	99.99	-	>=0 and <=20
19	Other Value – High Range	17c	N	99.99	-	>=0 and <=20
20	Other Description	18a	A/N	100 characters	-	-
21	Other Value – Low Range	18b	N	99.99	-	>=0 and <=20
22	Other Value – High Range	18c	N	99.99	-	>=0 and <=20
23	Other Description	19a	A/N	100 characters	-	-
24	Other Value – Low Range	19b	N	99.99	-	>=0 and <=20
25	Other Value – High Range	19c	N	99.99	-	>=0 and <=20
26	Other Description	20a	A/N	100 characters	-	-
27	Other Value – Low Range	20b	N	99.99	-	>=0 and <=20
28	Other Value – High Range	20c	N	99.99	-	>=0 and <=20

Allowable Values:Reporting Time (Item Number 10): 3 – *Not Applicable*File Format:

ls120_ppppp_yyyymmddhhmmss.mpr

Mutually Exclusive Fields:

None.

Sample Records:

- 1085,09/05/2000,3,6,7,5,9,5,6,1,6,3,6,other desc1,3,4,other desc2,4,5,other desc3,6,9,other

desc4,1,7,other desc5,9,9

- 1085,09/05/2000,3,3,6,1.26,10,5.36,6.4,7,8.8,9.7,9.8,large,10,10,small,1,2,medium,3,4.5,superlarge,9.!
- 1085,09/05/2000,3,1.1,2.2,3.3,4.4,5.5,6.6,7.7,8.8,9.9,10.0,code 42,3.54,6.85,code 57,7,9.6,code 99,9.9,9.99,
code 63-B,1.46,1.97,code 12,1.2,1.21

Unique Record Based On:

- Identification Number (Plant ID)
- Reporting Date
- Reporting Time

LS 121 - Live Lamb Daily Report (Current Established Prices)

Field Order	Livestock Form Item Label	Item Number	Data Type	Maximum Size	Required?	Allowable Values
1	Identification Number	1	A/N	5 characters	Yes	(Plant Establishment Number)
2	Reporting Date	9	Date	mm/dd/yyyy	Yes	(If not current date, data will be recorded as late)
3	Reporting Time	10	N	9	Yes	3
4	Lot Identification	11	A/N	25 characters	Yes	Given by packer.
5	Source	12	N	9	Yes	1, 2
6	Purchase Type Code	13	N	9	Yes	1 – 3
7	Class Code	14	N	9	Yes	1 – 3
8	Selling Basis	15a	N	9	Yes	1, 2
9	Selling Basis Shipment	15b	N	9	Yes	1, 2
10	Head Count	16	N	999999	Yes	>0
11	Weight Range - Low	17a	N	999.9	Yes	>=10 and <=300
12	Weight Range - High	17b	N	999.9	Yes	>=10 and <=300
13	Estimated Average Weight	18	N	999.9	Yes	>=17a and <=17b
14	Average Net Price	19	N	999.99	Yes	>0
15	% Choice or Better	20	N	999.9	Yes	>=0 and <=100
16	Classification Code	21	N	9	Yes	1 – 5
17	Dressing Percentage	22	N	999.9	Yes	>=0 and <=100
18	Origin	23	A	2 characters	Yes	Standard U.S. Postal Codes
19	Pelt Code	24	N	9	Yes	1 – 4
20	Premium Paid – Weight	25a	N	999.99	-	>=0

21	Premium Paid – Quality	25b	N	999.99	-	>=0
22	Premium Paid – Yield	25c	N	999.99	-	>=0
23	Discount Paid – Weight	25d	N	999.99	-	<=0
24	Discount Paid – Quality	25e	N	999.99	-	<=0
25	Discount Paid – Yield	25f	N	999.99	-	<=0
26	Packer Financing	26a	N	9	-	1, 2
27	Delivery Location	26b	N	9	-	1, 2
28	Delivery Date	26c	N	9	-	1, 2
29	Delivered	26d	N	9	Yes	1, 2

Allowable Values:

Reporting Time (Item Number 10): 3 – *Not Applicable*

Source (Item Number 12): 1 – *Domestic*, 2 – *Imported*

Purchase Type Code (Item Number 13): 1 – *Negotiated*, 2 – *Formula Marketing Arrangement*, 3 – *Forward Contract*

Class Code (Item Number 14): 1 – *Slaughter Lambs*, 2 – *Ewes*, 3 – *Rams/Stags*

Selling Basis (Item Number 15a): 1 – *Live*, 2 – *Dressed*

Selling Basis Shipment (Item Number 15b): 1 – *FOB*, 2 – *Delivered*

Classification Code (Item Number 21): 1 – *Prime*, 2 – *Choice*, 3 – *Good*, 4 – *Utility*, 5 – *Cull*

Pelt Code (Item Number 24): 1 – *Wooled*, 2 – *# 1 Fall Shorn*, 3 – *# 2*, 4 – *# 3-4*

Packer Financing (Item Number 26a): 1 – *Yes*, 2 – *No* (Did the packer provide any financing for the lot)

Delivery Location (Item Number 26b): 1 – *Producer*, 2 – *Packer* (Who determined the delivery location)

Delivery Date (Item Number 26c): 1 – *Producer*, 2 – *Packer* (Who determined the delivery date)

Delivered (Item Number 26d): 1 – *7 or less*, 2 – *8 to 14*

File Format:

ls121_ppppp_yyyymmddhhmmss.mpr

Mutually Exclusive Fields:

- If Item Number 12 is “2”, Item Number 23 should be set to “CN” (Canada).
- If Item Number 13 is “2 or 3”, use all Item Numbers.

Sample Records:

- 1085,09/05/2000,3,good1,2,1,1,1,2,300,100,200,150,74,85,2,99,CN,3,,,,,,,,,1
- 1085,09/05/2000,3,good2,1,2,3,1,2,400,200,200,200,4,8,5,60,VA,3,123.4,55.64,449.62,-155.4,-88.98,-998.45,1,2,1,1

- 1085,09/05/2000,3,good3,2,1,3,2,1,500,100,300,200,7,5,4,5,CN,3,,,,,,,,,1

Unique Record Based On:

- Identification Number (Plant ID)
- Reporting Date
- Reporting Time
- Lot Identification

Notes:

1. Calculating:
Field Order: 14
Livestock Form Item Label: Average Net Price
Item Number: 19

Total amount paid for the lot slaughtered at a packing plant / Total weight of lot * 100

Examples:

LS121, Item 19 - Average Net Price, depending on how you are reporting this price, this could be based on carcass or live weight basis.

Lot A

1 hd 150 lbs. with total price = \$232.50

1 hd 120 lbs. with total price = \$186.00

Average net price for the lot = total amount paid for lot / total pounds x 100 or $((232.50 + 186.00) / 270) * 100 = 155.00$

LS 122 - Live Lamb Daily Report (Committed and Delivered Lambs)

Field Order	Livestock Form Item Label	Item Number	Data Type	Maximum Size	Required?	Allowable Values
1	Identification Number	1	A/N	5 characters	Yes	(Plant Establishment Number)
2	Reporting Date	9	Date	mm/dd/yyyy	Yes	(If not current date, data will be recorded as late)
3	Reporting Time	10	N	9	Yes	3
4	Lot Identification	11	A/N	25 characters	Yes	Given by packer.
5	Purchase Basis	12	N	9	Yes	1, 2
6	Source	13	N	9	Yes	1, 2
7	Purchase Type Code	14	N	9	Yes	1 – 3
8	Selling Basis	15	N	9	Yes	1, 2
9	Head Count	16	N	999999	Yes	>0
10	Origin	17	A	2 characters	Yes	Standard U.S. Postal Codes
11	Packer Financing	18a	N	9	-	1, 2
12	Delivery Location	18b	N	9	-	1, 2
13	Delivery Date	18c	N	9	-	1, 2
14	Delivered	18d	N	9	Yes	1, 2

Allowable Values:

Reporting Time (Item Number 10): *3 – Not Applicable*

Purchase Basis (Item Number 12): *1 – Delivered, 2 – Committed*

Source (Item Number 13): *1 – Domestic, 2 – Imported*

Purchase Type Code (Item Number 14): *1 – Negotiated, 2 – Formula Marketing Arrangement, 3 – Forward Contract*

Selling Basis (Item Number 15): *1 – Live, 2 – Dressed*

Packer Financing (Item Number 18a): *1 – Yes, 2 – No* (Did the packer provide any financing for the lot)

Delivery Location (Item Number 18b): *1 – Producer, 2 – Packer* (Who determined the delivery location)

Delivery Date (Item Number 18c): *1 – Producer, 2 – Packer* (Who determined the delivery date)

Delivered (Item Number 18d): *1 – 7 or less, 2 – 8 to 14*

File Format:

ls122_ppppp_yyyymmddhhmmss.mpr

Mutually Exclusive Fields:

- If Item Number 13 is “2”, Item Number 17 should be set to “CN” (Canada).
- If Item Number 14 is “2 or 3”, use all Item Numbers.

Sample Records:

- 1085,09/05/2000,3,good1,1,2,2,1,999,CN,1,2,1,2
- 1085,09/05/2000,3,good2,2,1,2,1,111,CO,1,1,1,1
- 1085,09/05/2000,3,good3,2,1,2,1,555,VA,2,2,2,2

Unique Record Based On:

- All Fields

LS 123(A) – Live Lamb Weekly Report (Forward Contract and Packer Owned), File 1 of 3 (Prior Weekly Slaughtered Lamb Head Counts)

Field Order	Livestock Form Item Label	Item Number	Data Type	Maximum Size	Required?	Allowable Values
1	Identification Number	1	A/N	5 characters	Yes	(Plant Establishment Number)
2	Reporting Date	9	Date	mm/dd/yyyy	Yes	(If not current date, data will be recorded as late)
3	Reporting Time	10	N	9	Yes	3
4	Domestic, Forward Contract	20	N	999999	Yes	>=0
5	Domestic, Formula Arrangement	21	N	999999	Yes	>=0
6	Imported, Forward Contract	22	N	999999	Yes	>=0
7	Imported, Formula Arrangement	23	N	999999	Yes	>=0

Allowable Values:

Reporting Time (Item Number 10): 3 – *Not Applicable*

File Format:

ls123a_ppppp_yyyymmddhhmmss.mpr

Mutually Exclusive Fields:

Use all Item Numbers.

Sample Records:

- 1085,09/05/2000,3,242197,410653,738947,657420
- 1085,09/05/2000,3,0,0,123545,564415
- 1085,09/05/2000,3,156,1569,451,399

Unique Record Based On:

- Identification Number (Plant ID)
- Reporting Date
- Reporting Time

LS 123(B) – Live Lamb Weekly Report (Forward Contract and Packer Owned), File 2 of 3 (Slaughtered Packer Owned Lambs)

Field Order	Livestock Form Item Label	Item Number	Data Type	Maximum Size	Required?	Allowable Values
1	Identification Number	1	A/N	5 characters	Yes	(Plant Establishment Number)
2	Reporting Date	9	Date	mm/dd/yyyy	Yes	(If not current date, data will be recorded as late)
3	Reporting Time	10	N	9	Yes	3
4	Lot Identification	11	A/N	25 characters	Yes	Given by packer.
5	Source	12	N	9	Yes	1, 2
6	Head Count	13	N	999999	Yes	>0
7	Actual Carcass Weight – Low	14a	N	999.9	Yes	>=10 and <=300
8	Actual Carcass Weight – High	14b	N	999.9	Yes	>=10 and <=300
9	Actual Average Carcass Weight	15	N	999.9	Yes	>=14a and <=14b
10	Average Dressing Percentage	16	N	999.9	Yes	>0 and <=100
11	% Yield Grade 3 or Better	17	N	999.9	Yes	>0 and <=100
12	% Quality Grade Choice or Better	18	N	999.9	Yes	>0 and <=100
13	% Quality Grade Good	19	N	999.9	Yes	>0 and <=100

Allowable Values:

Reporting Time (Item Number 10): 3 – *Not Applicable*

Source (Item Number 12): 1 – *Domestic*, 2 – *Imported*

File Format:

ls123b_ppppp_yyyymmddhhmmss.mpr

Mutually Exclusive Fields:

- Use all Item Numbers.
- If form ls123b is used, then at minimum, it is required to use ls123a. For each row, the plant

establishment number, date, and time

codes must match with those found in ls123a, otherwise the row will be invalidated.

Sample Records:

- 1085,09/05/2000,3,good1,1,817389,100,200,150,52,72,92,32
- 1085,09/05/2000,3,good2,2,89,110,146,128,56,77,97,34
- 1085,09/05/2000,3,good3,1,7389,300,300,300,5,7,7,4

Unique Record Based On:

- Identification Number (Plant ID)
- Reporting Date
- Reporting Time
- Lot Identification

LS 123(C) – Live Lamb Weekly Report (Forward Contract and Packer Owned), File 3 of 3 (Forward Contract Purchased Lambs)

Field Order	Livestock Form Item Label	Item Number	Data Type	Maximum Size	Required?	Allowable Values
1	Identification Number	1	A/N	5 characters	Yes	(Plant Establishment Number)
2	Reporting Date	9	Date	mm/dd/yyyy	Yes	(If not current date, data will be recorded as late)
3	Reporting Time	10	N	9	Yes	3
4	Lot Identification	24	A/N	25 characters	Yes	Given by packer.
5	Head Count	25	N	999999	Yes	>0
6	Basis Level	26	N	999.99	Yes	>=0 or <=0
7	Delivery Month	27	A/N	999	Yes	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec

Allowable Values:

Reporting Time (Item Number 10): 3 – *Not Applicable*

File Format:

ls123c_ppppp_yyyymmddhhmmss.mpr

Mutually Exclusive Fields:

- Use all Item Numbers.
- If form ls123c is used, then at minimum, it is required to use ls123a. For each row, the plant establishment number, date, and time codes must match with those found in ls123a, otherwise the row will be invalidated.

Sample Records:

- 1085,09/05/2000,3,good1,717514,493,APR
- 1085,09/05/2000,3,good2,74,26,APR
- 1085,09/05/2000,3,good3,7514,999.99,APR

Unique Record Based On:

- Identification Number (Plant ID)
- Reporting Date
- Reporting Time
- Lot Identification

LS 124 – Live Lamb Weekly Report (Formula Purchases)

Field Order	Livestock Form Item Label	Item Number	Data Type	Maximum Size	Required?	Allowable Values
1	Identification Number	1	A/N	5 characters	Yes	(Plant Establishment Number)
2	Reporting Date	9	Date	mm/dd/yyyy	Yes	(If not current date, data will be recorded as late)
3	Reporting Time	10	N	9	Yes	3
4	Lot Identification	11	A/N	25 characters	Yes	Given by packer.
5	Source	12	N	9	Yes	1, 2
6	Head Count	13	N	999999	Yes	>0
7	Total Pounds	14	N	999999999	Yes	>0
8	Weighted Average Carcass Price	15	N	999.99	Yes	>=16a and <=16b
9	Price Range – Low	16a	N	999.99	Yes	>0
10	Price Range – High	16b	N	999.99	Yes	>0
11	Premium/Discount Range - Low	17a	N	999.99	Yes	<=0 or >= 0 (Premium = Positive, Discount = Negative)
12	Premium/Discount Range – High	17b	N	999.99	Yes	<=0 or >= 0 (Premium = Positive, Discount = Negative)
13	Premium/Discount Weighted Average	18	N	999.99	Yes	>=17a and <= 17b
14	Packer Financing	19a	N	9	Yes	1, 2
15	Delivery Location	19b	N	9	Yes	1, 2
16	Delivery Date	19c	N	9	Yes	1, 2

Allowable Values:

Reporting Time (Item Number 10): 3 – *Not Applicable*

Source (Item Number 12): 1 – *Domestic*, 2 – *Imported*

Packer Financing (Item Number 19a): 1 – *Yes*, 2 – *No*

Delivery Location (Item Number 19b): 1 – *Producer*, 2 – *Packer*

Delivery Date (Item Number 19c): 1 – *Producer*, 2 – *Packer*

File Format:

ls124_ppppp_yyyymmddhhmmss.mpr

Mutually Exclusive Fields:

Use all Item Numbers.

Sample Records:

- 1085,09/05/2000,3,good1,1,654,61230000,200,100,300,12,80,75,2,2,2
- 1085,09/05/2000,3,good2,2,63354,60123000,300,300,300,-25,118,2.12,1,1,1
- 1085,09/05/2000,3,good3,1,12654,60001230,150.25,100,300,3.25,233,21,1,2,1

Unique Record Based On:

- Identification Number (Plant ID)
- Reporting Date
- Reporting Time
- Lot Identification

LS 125 - Lamb Premiums and Discounts Weekly Report

Field Order	Livestock Form Item Label	Item Number	Data Type	Maximum Size	Required?	Allowable Values
1	Identification Number	1	A/N	5 characters	Yes	(Plant Establishment Number)
2	Reporting Date	9	Date	mm/dd/yyyy	Yes	(If not current date, data will be recorded as late)
3	Reporting Time	10	N	9	Yes	3
4	Premium/Discount – Prime	11	N	999.99	Yes	<=0 or >= 0 (Premium = Positive, Discount = Negative)
5	Premium/Discount – Choice	12	N	999.99	Yes	<=0 or >= 0 (Premium = Positive, Discount = Negative)
6	Premium/Discount – Good	13	N	999.99	Yes	<=0 or >= 0 (Premium = Positive, Discount = Negative)
7	Premium/Discount – Standard	14	N	999.99	Yes	<=0 or >= 0 (Premium = Positive, Discount = Negative)
8	Premium/Discount – Choice YG 2 or Better	15	N	999.99	Yes	<=0 or >= 0 (Premium = Positive, Discount = Negative)
9	Premium/Discount – Bucky	16	N	999.99	Yes	<=0 or >= 0 (Premium = Positive, Discount = Negative)
10	Premium/Discount – Yearling or Older	17	N	999.99	Yes	<=0 or >= 0 (Premium = Positive, Discount = Negative)
11	Premium/Discount – YG 1.0 – 2.0	18	N	999.99	Yes	<=0 or >= 0 (Premium = Positive, Discount

						= Negative)
12	Premium/Discount – YG 2.0 – 3.0	19	N	999.99	Yes	<=0 or >= 0 (Premium = Positive, Discount = Negative)
13	Premium/Discount – YG 3.0 – 4.0	20	N	999.99	Yes	<=0 or >= 0 (Premium = Positive, Discount = Negative)
14	Premium/Discount – YG 4.0 – 5.0	21	N	999.99	Yes	<=0 or >= 0 (Premium = Positive, Discount = Negative)
15	Premium/Discount – YG 5.0/up	22	N	999.99	Yes	<=0 or >= 0 (Premium = Positive, Discount = Negative)
16	Premium/Discount - YG Under 45 lbs. Carcass	23	N	999.99	Yes	<=0 or >= 0 (Premium = Positive, Discount = Negative)
17	Premium/Discount – 45 – 55 lbs. Carcass	24	N	999.99	Yes	<=0 or >= 0 (Premium = Positive, Discount = Negative)
18	Premium/Discount – 55 – 65 lbs. Carcass	25	N	999.99	Yes	<=0 or >= 0 (Premium = Positive, Discount = Negative)
19	Premium/Discount – 65 – 75 lbs. Carcass	26	N	999.99	Yes	<=0 or >= 0 (Premium = Positive, Discount = Negative)
20	Premium/Discount - 75– 85 lbs. Carcass	27	N	999.99	Yes	<=0 or >= 0 (Premium = Positive, Discount = Negative)
21	Premium/Discount – Over 85 lbs. Carcass	28	N	999.99	Yes	<=0 or >= 0 (Premium = Positive, Discount = Negative)
	Premium/Discount –					<=0 or >= 0 (Premium =

22	Woolled Pelt	29	N	999.99	Yes	Positive, Discount = Negative)
23	Premium/Discount – #1 Fall Shorn Pelt	30	N	999.99	Yes	<=0 or >= 0 (Premium = Positive, Discount = Negative)
24	Premium/Discount – #2 Fall Shorn Pelt	31	N	999.99	Yes	<=0 or >= 0 (Premium = Positive, Discount = Negative)
25	Premium/Discount – #3 - 4 Fall Shorn Pelt	32	N	999.99	Yes	<=0 or >= 0 (Premium = Positive, Discount = Negative)
26	Premium/Discount – Other Description	33a	A/N	100 characters	-	-
27	Premium/Discount – Other Value	33b	N	999.99	-	<=0 or >= 0 (Premium = Positive, Discount = Negative)
28	Premium/Discount – Other Description	34a	A/N	100 characters	-	-
29	Premium/Discount – Other Value	34b	N	999.99	-	<=0 or >= 0 (Premium = Positive, Discount = Negative)
30	Premium/Discount – Other Description	35a	A/N	100 characters	-	-
31	Premium/Discount – Other Value	35b	N	999.99	-	<=0 or >= 0 (Premium = Positive, Discount = Negative)
32	Premium/Discount – Other Description	36a	A/N	100 characters	-	-
33	Premium/Discount – Other Value	36b	N	999.99	-	<=0 or >= 0 (Premium = Positive, Discount = Negative)
34	Premium/Discount – Other Description	37a	A/N	100 characters	-	-
35	Premium/Discount –	37b	N	999.99	-	<=0 or >= 0 (Premium =

	Other Value					Positive, Discount = Negative)
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Allowable Values:

Reporting Time (Item Number 10): 3 – *Not Applicable*

File Format:

ls125_ppppp_yyyymmddhhmmss.mpr

Mutually Exclusive Fields:

None.

Sample Records:

- 1085,09/05/2000,3,2.55,0,-6.25,-8.25,4,-5,-5,5,3,0,-5,-10,-4,-3,0,0,-5,-10,-1,0,0,0,,,,,,,,,
- 1085,09/05/2000,3,452.26,365.25,989.99,985.14,147.45,156.5,156.44,156.32,11.1,154.48,156.16,96.4
466.1,123.1,125.55,0.25,-941.12,-899,-156.5,other description1,-987.4,other description2,466.2,other
description3,654.5,
other description4,-12,other description5,-448.09
- 1085,09/05/2000,3,154,-156.54,0,-485.54,986.56,-95.54,15.2,-658.9,56.5,-316.1,-11.45,-985.25,-
154.54,-156.15,-156.54,
-33.31,-148.94,-314.41,-6.56,-1.1,-998.9,159.56,code 12,159.6,code 40,-99,code 11,-45.56,code
555,64.4,code 12st5,46.66

Unique Record Based On:

- Identification Number (Plant ID)
- Reporting Date
- Reporting Time

LS 126 - Boxed Beef Daily Report

Field Order	Livestock Form Item Label	Item Number	Data Type	Maximum Size	Required?	Allowable Values
1	Identification Number	1	A/N	5 characters	Yes	(Plant Establishment Number)
2	Reporting Date	9	Date	mm/dd/yyyy	Yes	(If not current date, data will be recorded as late)
3	Reporting Time	10	N	9	Yes	1, 2
4	Lot Identification or Purchase Order Number	11	A/N	25 characters	Yes	Given by packer.
5	Destination	12	N	9	Yes	1, 2
6	Purchase Type Code	13	N	9	Yes	1 – 3
7	Deliver Period Code	14	N	9	Yes	1 – 4
8	Refrigeration	15	N		Yes	1, 2
9	Class Code	16	N	9	Yes	1 – 9
10	Classification Code	17	N	9	Yes	1 – 9
11	Beef Cut – IMPS Code	18a	A/N	4 characters	-	See Imps Code
12	Beef Cut – Description	18b	A/N	100 characters	-	-
13	Trim Specification Code	19	N	9	Yes	1 – 6
14	Weight	20	N	9	Yes	1 – 4
15	Total Product Weight	21	N	9999999	Yes	>0
16	FOB Plant Price	22	N	9999.99	Yes	>0
17	USDA Certified Schedule Code	23	A/N	4 characters	-	See Code Schedule
18	Branded Product Code – Quality	24a	N	9	-	1 – 4
19	Branded Product Code – Yield	24b	N	9	-	1, 2

Allowable Values:

Reporting Time (Item Number 10): 1 – 10:00 am, 2 – 2:00 pm

Destination (Item Number 12): 1 – Domestic, 2 – Exported

Purchase Type Code (Item Number 13): 1 – Negotiated, 2 – Formula Marketing Arrangement, 3 – Forward Contract

Delivery Period Code (Item Number 14): 1 – 0 to 21 days, 2 – 22 to 60 days, 3 – 61 to 90 days, 4 – 91/up days

Refrigeration Code (Item Number 15): 1 – Fresh, 2 – Frozen

Class Code (Item Number 16): 1 – Mixed Steer/Heifer, 2 – Steer, 3 – Heifer, 4 – Dairybred Steer/Heifer, 5 – Mixed

Steer/Heifer/Cow, 6 – Dairy Cow, 7 – Bull Cow, 8 – Mixed Cow, 9 –

Bull

Classification Code (Item Number 17): 1 – Prime, 2 – Choice, 3 – Select, 4 – Premium White, 5 – Cutter/Canner 90%, 6 –

Boner 85%, 7 – Breaker 75%, 8 – Bull 92%, 9 – Ungraded

Trim Specification Code (Item Number 19): 1 – 3/4" Average; 1" Max, 2 – 1/4" Average; 1/2" Max, 3 – 1/8" Average; 1/4" Max, 4 –

Practically Free; 1/8" Max, 5 – Peeled/Denuded; 1/8" Max, 6 –

Peeled Denuded

Surface Membrane Removed; 1/8" Max

Weight (Item Number 20): 1 – Light, 2 – Medium, 3 – Heavy, 4 – Mixed

USDA Certified Schedule Code (Item Number 23): G1, G14, G16, G17, G18, G19, G2, G20, G21, G22B, G22C, G23, G24, G26,

G27, G30, G32, G34, G35, G36, G39B, G39C, G41B,

G9B, GA9, P2

Quality (Item Number 24a): 1 – Prime, 2 – Upper 2/3 Choice, 3 – Lower 1/3 Choice, 4 – Select

Yield (Item Number 24b): 1 – Yield Grade 1 – 3, 2 – Yield Grade 4

File Format:

ls126_ppppp_yyyymmddhhmmss.mpr

Mutually Exclusive Fields:

If Item Number 18b represents any ground beef product, then Item Number 19 should be set to '1' and Item Number 20 should be set to '4'.

Sample Records:

- 1085,09/05/2000,1,good1,1,1,1,1,2,120,2x2,1,4,1000,80.50,G32,3,2
- 1085,09/05/2000,2,good2,1,2,3,1,9,8,202,,5,4,1265484,1564.94,,4,2
- 1085,09/05/2000,1,good3,1,1,1,1,1,1,IMPS description,1,1,1000,199.10,,4,2

Unique Record Based On:

- All Fields

LS 128 - Boxed Lamb Daily Report

Field Order	Livestock Form Item Label	Item Number	Data Type	Maximum Size	Required?	Allowable Values
1	Identification Number	1	A/N	5 characters	Yes	(Plant Establishment Number)
2	Reporting Date	9	Date	mm/dd/yyyy	Yes	(If not current date, data will be recorded as late)
3	Reporting Time	10	N	9	Yes	3
4	Lot Identification or Purchase Order Number	11	A/N	25 characters	Yes	Given by packer.
5	Destination/Source	12	N	9	Yes	1, 2
6	Transaction Basis	13	N	9	Yes	2
7	Purchase/Sale Type Code	14	N	9	Yes	1 – 3
8	Delivery Period Code	15	N	9	Yes	1 – 4
9	Refrigeration	16	N	9	Yes	1, 2
10	Classification Code	17	N	9	Yes	1 – 5
11	Lamb Cut – IMPS Code	18a	A/N	4 characters	-	See IMPS Code
12	Lamb Cut – Description	18b	A/N	100 characters	-	-
13	Weight	19	N	9	Yes	1 – 4
14	Total Product Weight	20	N	9999999	Yes	>0
15	FOB Plant Price	21	N	9999.99	Yes	>0
16	USDA Certified Schedule Code	22	A/N	3 characters	-	See Code Schedule
17	Branded Product Code – Quality	23a	N	9	-	1, 2
18	Branded Product Code – Yield	23b	N	9	-	1 – 3

Allowable Values:

Reporting Time (Item Number 10): 3 – *Not Applicable*

Destination/Source (Item Number 12): 1 – *Domestic*, 2 – *Imported*

Transaction Basis (Item Number 13): 2 – *Sale*

Purchase/Sale Type Code (Item Number 14): 1 – *Negotiated*, 2 – *Formula Marketing Arrangement*, 3 –

Forward Contract

Delivery Period Code (Item Number 15): *1 – 0 to 21 days, 2 – 22 to 60 days, 3 – 61 to 90 days, 4 – 91/up days*

Refrigeration Code (Item Number 16): *1 – Fresh, 2 – Frozen*

Classification Code (Item Number 17): *1 – Prime, 2 – Choice, 3 – Prime/Choice, 4 – Good, 5 – Ungraded*

Weight (Item Number 19): *1 – Light, 2 – Medium, 3 – Heavy, 4 – Mixed*

USDA Certified Schedule Code (Item Number 22): *CL*

Quality (Item Number 23a): *1 – Prime, 2 – Choice*

Yield (Item Number 23b): *1 – Yield Grade 2 or better, 2 – Yield Grade 1 – 3, 3 – Yield Grade 4*

File Format:

ls128_ppppp_yyyymmddhhmmss.mpr

Mutually Exclusive Fields:

None.

Sample Records:

- 1085,09/05/2000,3,good1,1,2,1,1,1,3,230,,2,500,355,CL,1,1
- 1085,09/05/2000,3,good2,1,2,2,4,2,5,232C,,3,989998,565.64,,2,3
- 1085,09/05/2000,3,good3,2,2,1,1,1,1,,imps description,1,6545,112.24,,1,1

Unique Record Based On:

- All Fields

LS 129 - Lamb Carcass Report

Field Order	Livestock Form Item Label	Item Number	Data Type	Maximum Size	Required?	Allowable Values
1	Identification Number	1	A/N	5 characters	Yes	(Plant Establishment Number)
2	Reporting Date	9	Date	mm/dd/yyyy	Yes	(If not current date, data will be recorded as late)
3	Reporting Time	10	N	9	Yes	3
4	Lot Identification or Purchase Order Number	11	A/N	25 characters	Yes	Given by packer.
5	Sale Type Code	12	N	9	Yes	1 – 3
6	FOB Plant Price	13	N	9999.99	Yes	>0
7	Number of Carcasses	14	N	99999	Yes	>0
8	Classification Code	15	N	9	Yes	1 – 5
9	Yield Grade Code	16	N	9	Yes	1 – 9
10	Est. Carcass Weight Range - Low	17a	N	999.9	Yes	>=10 and <=300
11	Est. Carcass Weight Range – High	17b	N	999.9	Yes	>=10 and <=300
12	Delivery Period Code	18	N	9	Yes	1, 2

Allowable Values:

Reporting Time (Item Number 10): 3 – *Not Applicable*

Sale Type Code (Item Number 12): 1 – *Negotiated*, 2 – *Formula Marketing Arrangement*, 3 – *Forward Contract*

Classification Code (Item Number 15): 1 – *Prime*, 2 – *Choice*, 3 – *Prime/Choice*, 4 – *Good*, 5 – *Ungraded*

Yield Grade Code (Item Number 16): 1 – *1YG*, 2 – *2YG*, 3 – *3YG*, 4 – *4YG*, 5 – *1-4 YG*, 6 – *1-3 YG*, 7 – *1-2 YG*, 8 – *4-5 YG*,

9 – *3-5 YG*

Delivery Period Code (Item Number 18): 1 – *0 to 14 days*, 2 – *15/up days*

File Format:

ls129_ppppp_yyyymmddhhmmss.mpr

Mutually Exclusive Fields:

If Item Number 8 is "5", then Item Number 9 is not required.

Sample Records:

- 1085,09/05/2000,3,good1,1,185.20,234,3,5,55,65,1
- 1085,09/05/2000,3,good2,3,123.05,750,2,2,75,95,2
- 1085,09/05/2000,3,good3,2,563.34,35,3,6,85,95,1

Unique Record Based On:

- All Fields

Appendix B: USDA Provided Mutually Exclusive Fields

Cattle:

Form 113:

- If line 12 is “imported”, blank out line 23.
- If line 13 is “2 or 3”, use all lines.

Form 114:

- If line 13 is “imported”, blank out line 18.
- If line 14 is “2 or 3”, use all lines.

Form 115:

Used primarily to reflect the weekly slaughter of non-cash cattle. To facilitate input, the program could bring up a window after line 9 something like this:

Press the appropriate number to enter the following:

1. A lot of packer owned cattle slaughter last week.
2. Last week’s total of formula or contract cattle.
3. New purchases of forward contracts.

No. 1 would use lines 11-19, No. 2 lines 20-23 and No. 3 lines 24-27.

Form 116: Use all lines.

Form 117: Use all lines.

Boxed Beef:

Form 126: Use all lines.

Boxed and Carcass Lamb:

Form 128: Use all lines.

Form 129: Use all lines.

Sheep:

Form 121:

- If line 12 is “imported”, blank out line 23.
- If line 13 is “2 or 3”, use all lines.

Form 122:

- If line 13 is “imported”, blank out line 17.
- If line 14 is “2 or 3”, use all lines.

Form 123:

Used primarily to reflect the weekly slaughter of non-cash lamb. To facilitate input, the program could bring up a window after line 9 something like this:

Press the appropriate number to enter the following:

1. A lot of packer owned lamb slaughter last week.
2. Last week's total of formula or contract lamb.
3. New purchases of forward contracts.

No. 1 would use lines 11-19, No. 2 lines 20-23 and No. 3 lines 24-27.

Form 124: Use all lines.

Form 125: Use all lines.

Hogs:

Form 118:

Slaughtered swine use blocks 11-14. If block line 12 is "2 or 3", blocks 17&18 are blank.

Purchased swine use blocks 25-31. Use all blocks.

Form 119:

- If line 14 is "5-8", fill in block 22-25.
- If line 14 is "1-4", fill in 30-33.
- If nothing in line 11 & 12 is "5-8", fill in 18-21.
- If nothing in line 11 & 12 is "1-4", fill in 26-29.

Form 120:

Possible to fill in all lines.

Appendix C: Acquiring & Installing Client Certificates

This appendix describes acquiring and setting up client certificates (Digital Ids) for users of Microsoft Internet Explorer browser resident on client workstations for the USDA AMS MPR system.

Microsoft Internet Explorer version 4.01 service pack 2 supports Secure Sockets Layer (SSL) 3.0 protocol to send a workstation-based client certificate to prove your identity. A *client certificate* is an encrypted number that is stored in a file on the user's computer. The browser sends the number along with a request for a page at the USDA AMS MPR web site. Client certificates provide a way to secure access to a Web site.

The following sections outline the steps to acquire and install client certificates from the certificate authority, VeriSign (www.verisign.com). A client certificate must be obtained for each workstation using the USDA AMS MPR system. VeriSign will be your certificate authority. However, users or site owners are responsible for managing, securing, and storing the client certificates.

Note: You cannot use client certificates with Personal Web Server on Windows 95.

1. Acquiring a Certificate

Access to upload data to the MPR System cannot occur until a valid Public Key Infrastructure (PKI) certificate is obtained from a Certificate Authority (CA) VeriSign. Each workstation expected to access the MPR System and that will upload data to the MPR Web Server requires a valid PKI certificate obtained from the Certificate Authority VeriSign. To obtain a valid PKI Certificate each plant user workstation, which has been authorized by the Plant Site Manager or Owner, and which uploads data accesses the MPR Web Server, needs to perform the following steps:

1. Open your web browser and connect to www.verisign.com, which will retrieve the VeriSign Home web page.
2. At the VeriSign Home Page click the *Secure E-Mail* link directly below the Home and Home Office title. This will retrieve the Secure E-Mail web page. This page starts the process for obtaining the Digital ID.
3. Click the *Digital IDs* link. This action will retrieve the next web page to begin the Digital ID purchase process.

* If you intend to use the Digital ID with either Microsoft Exchange or Lotus Notes R: messaging systems click on the respective links provided at this time to obtain the proper Digital ID.

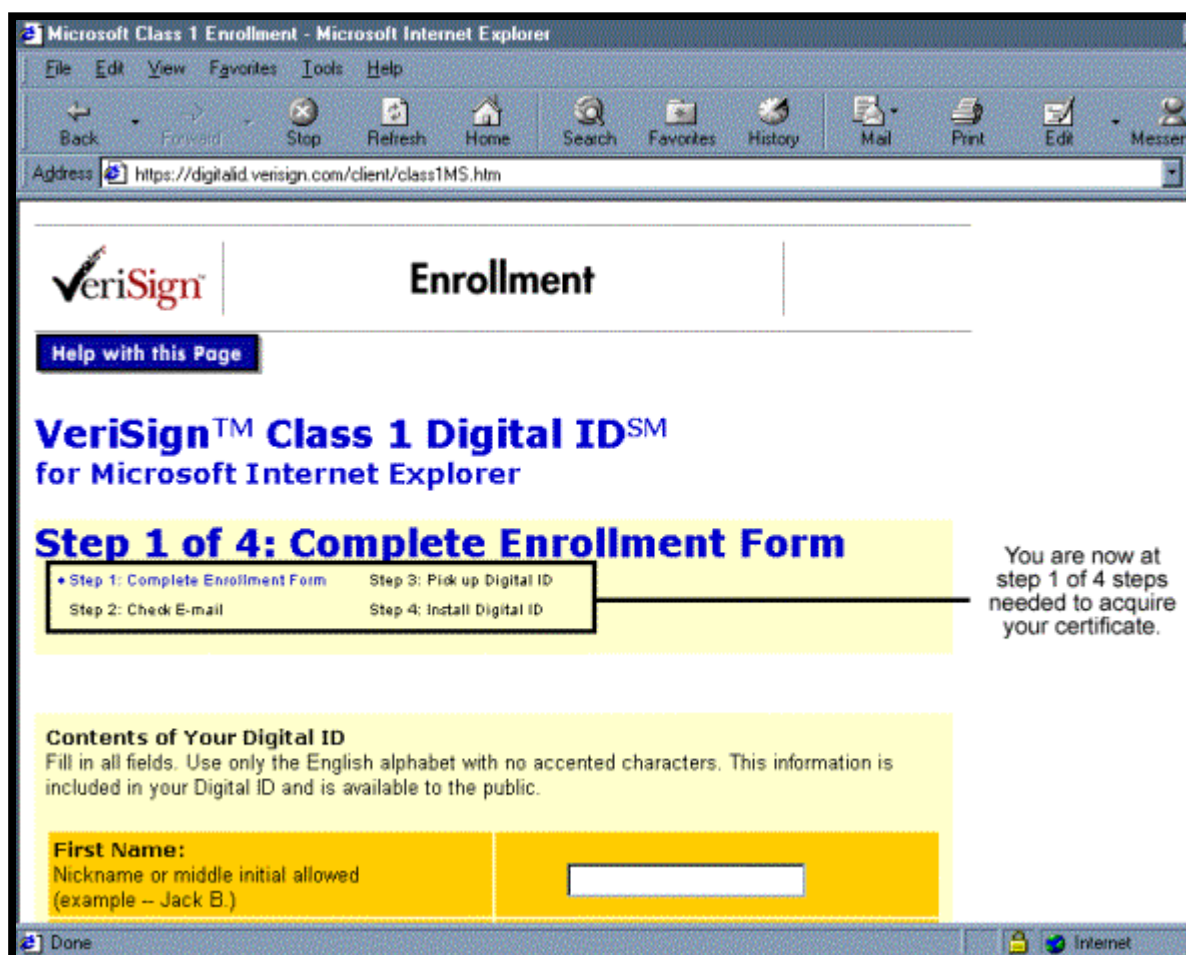
4. Click the *Buy Now* Button. This will retrieve a web page to begin the enrollment process for class 1 Digital ID.

* Digital Ids are available for U.S. \$14.95 and are valid for one year. Each year the certificate will need to be renewed, revoked, or reissued depending upon your situation.

5. Click either the *Class 1 Digital ID* link or the *Enroll Now* link to continue the enrollment process. Both links will take you to the next step.

6. You are now at “Step 1 of 4” steps required for completing the enrollment process.

* This action will start an Secure Socket Layer (SSL) connection between the Client Workstation and VeriSign ensuring that the information being provided by the user is completed over a secure connection.



7. Once you have selected the “Class 1 Digital ID” or “Enroll Now” links, you will be presented with the “Enrollment” web page shown above to begin the acquisition process, which involves a four-step process. Step 1 of 4 - Complete Enrollment Form requires the user to enter information that will associate the user to the Digital ID (i.e., first and last name, email address, challenge phrase, and billing). Billing information is associated with needing a valid credit card to charge the certificate, which costs \$14.95 per year for a single client certificate.

***Note:** Each certificate will be specific to a user and specific to a PC, meaning that multiple users of a single workstation may need to acquire a certificate for each user given that login profile for each user is different.

***Note:** When selecting the Cryptographic Service Provider Name, make sure you select "Microsoft Enhanced Cryptographic Provider v1.0."

8. After you have entered all of your information in step 1, click the *Accept* button at the bottom of the page to continue to the second step – which will be the user receipt of an email from VeriSign.

***Note:** In the section titled "Additional security for your private key," make sure you leave the "Check this box to protect your private key" box unselected.

9. Once VeriSign has checked the information provided in step 1, the user workstation requesting the certificate will receive an e-mail message (Step 2) from VeriSign that provides either the information needed to proceed to step 3 - obtain digital ID or reject the request due to invalid information.
10. If step 2 - check email message provides installation instructions then the information provided in step 1 was accepted and the user is ready to proceed to picking up the Digital ID Step 3.

***Note:** Be sure to follow these installation steps, using the same computer that you use to enroll for the client ID.

11. Step 3 - pickup digital ID requires the user to open the received email message from VeriSign to follow the installation instructions within the email message as follows:

1. Copy your Digital ID PIN
Your Digital ID PIN is: XXXXXXXXXXXXXXXXXXXX (Alphanumeric)
2. Go to VeriSign's Secure Digital ID Center
<https://digitalid.verisign.com/enrollment/mspickup.htm>
3. Paste (or enter) your Digital ID PIN where requested. Then select the SUBMIT button to install your Digital ID.

Note: After the PIN is submitted, generating the Digital ID will take up to three minutes. Do not interrupt the browser until there is a response.

12. The user will be routed to a new web page that states your Digital ID has been successfully generated, which is the web page detailing step 4 – Installing Digital ID.
13. Step 4 – Installing Digital ID web page presents to the user the next step in completing the certificate registration process. The user at the bottom right of the screen should click on the install button to install the certificate into Microsoft Internet Explorer.

Note: Installing the Digital ID will take a little time. Do not interrupt the browser until is a response.

14. Once the certificate is installed in the web browser the user is presented with a new web page stating you have successfully installed the digital ID into the web browser and are now ready start securing your e-mail through Outlook Express or Outlook 98. The certificate purchased access to the USDA AMS MPR website must not be used for digital e-mail signatures.
15. Once the certificate is installed in the web browser and the user has obtained a valid user ID password from USDA AMS, the user can now access and upload data to the MPR system. T

2. Installing a Certificate with a Key Pair

After you complete your certificate request as detailed above, the digital ID received from the Cert Authority – VeriSign has the following structure:

-----BEGIN CERTIFICATE-----

```
JIEBSDSCEXoCHQEwLQMJZILvoNVQECSQAwcSETMRkOAMUTBhMuVrM
mIoAnBdNVBAoTF1JTQSBHEYXRhIFNIYVyaXR5LCBJbmMuMRwwGgYDVQ
QLExNQZXJzb25hIENlcnRpZmljYXRlMSQwIgYDVQQDExtPcGVuIE1hc
mtldCBUZXN0IFNlcnZlciAxMTAwHhcNOTUwNzE5MjAyNzMwWhcNOTYw
NTE0MjAyOTEwWjBzMQswEwJVUzEgB4GA1UEChMXUINBIER
hdGEgU2VjdXJpdHksIEluYy4xHDAaBgNVBAsTE1BlcnNvbmlEgQ2VydG
lmaWNhdGUxJDAiBgNVBAMTG09wZW4gTWYya2V0IFRlc3QgU2VydmlVYlI
DExMDEBcMA0GCSqIb3DQEBAQUAA0sAMEgCQQDU/7lrgR6vkVNX40BA
q1poGdSmGkD1iN3sEPfSTGxNJXY58XH3JoZ4nrF7mIfvpghNi1taYim
vhbBPNYe4LPAGMBAAEwDQYJKoZIhvcNAQECBQADQQBqyCpws9EaAj
KKAfuNP+z+8NY8khckgyHN2LLpfhv+iP8m+bF66HNDUIFz8ZrVOu3W
QapLPV90kIskNKXX3a
```

-----END CERTIFICATE-----

Shortcut Text	Internet Address
www.verisign.com	http://www.verisign.com/

Change History

Dates (From - To)	Section	Change	Category
5/5/03	LS115B	Three new fields have been added to the list that makes a record unique: 'Head Count', 'Actual Average Carcass Weight', and '% Quality Grade Choice or Better'	Change
5/5/03	LS116	Three new fields have been added to the list that makes a record unique: 'Head Count', 'Total Pounds', and 'Weighted Average Carcass Price'	Change
3/28/03	Section 5, Section 6	Two new sections have been added to the online guide. Section 5 is instructions on how to implement PKI into MS Outlook, and Section 6 is how to implement PKI into MS Outlook Express.	Addition
2/04/03	LS115C	The <i>Unique Record Based On</i> section has been modified to add 'Delivery Month'	Addition
1/28/03	Section 4	A new section, Section 4, has been added to the online guide. Section 4 is instructions on how to install a Verisign client certificate.	Addition
1/7/03	LS121	The <i>Allowable Values</i> field for '% Choice or Better' has been updated from ">0 and <=100" to ">=0 and <=100"	Change
1/7/03	LS113	The <i>Unique Record Based On</i> section has been updated.	Change
12/17/02	All Forms	A listing of the fields that make a record unique has been added to each form.	Addition
8/6/02	3.6 PKI Client v2.0	This section has been added to detail the updates found in the new version of the PKI Client.	Addition
8/6/02	3.5 Data Transfer	The examples in this section have been reworded.	Change
8/6/02	3.4 Downloading the PKI Client	This section has been slightly reworded.	Change

7/29/02	LS120	The <i>Allowable Values</i> for 'Noncarcass Merit – Breed – Low Range' and 'Noncarcass Merit – Breed – High Range' have been changed from ">=0 and <=20" to ">=0 and <=30"	Change
7/22/02	LS113, LS114, LS121, LS122	The 'Packer Financing', 'Delivery Location', and 'Delivery Date' fields in the <i>Allowable Values</i> sections have been updated.	Addition
6/17/02	LS129	The Mutually Exclusive rules have been updated.	Change
6/17/02	LS118B	The <i>Allowable Values</i> for Slaughtered Swine – Average Sort Loss have been changed from "<=0 or >= 0" to "<=0"	Change
2/5/02 - 3/25/02	3.5 Data Transfer	The definitions regarding the two examples have been updated.	Change
5/29/01 - 2/5/02	LS114, LS122	The <i>Allowable Values</i> for Lot Id has changed.	Change
5/21/01 - 5/29/01	LS116	A note from the <i>Notes</i> section has been deleted.	Removal
5/4/01 - 5/21/01	LS123B	The <i>Allowable Values</i> for % Quality Grade Good has been changed.	Change
4/20/01 - 5/4/01	LS113	The second item under the <i>Notes</i> section has been updated.	Change
4/20/01 - 5/4/01	LS116	The fourth item under the <i>Notes</i> section has been updated.	Change
4/20/01 - 5/4/01	LS118A, LS118B, LS119A	A <i>Notes</i> section has been added.	Addition
4/02/01 - 4/20/01	LS116	A note has been added to the <i>Notes</i> section.	Addition
4/02/01 - 4/20/01	LS120	The <i>Allowable Values</i> for all items have been updated.	Change
4/01/01 - 4/02/01	LS113, LS121	<i>Notes</i> on how to do calculations have been added.	Addition
4/01/01 - 4/02/01	LS116	The <i>Notes</i> section has been reworded.	Change
3/21/01 - 4/01/01	LS116	<i>Notes</i> on how to do calculations have been added.	Addition
3/21/01 - 4/01/01	LS118B	Item Numbers 17 and 18 have become obsolete and should be left blank.	Change
3/21/01 - 4/01/01	LS118B, LS119B	Mutually Exclusive rules have changed.	Change

3/14/01 - 3/21/01	2.3 Connecting to the MPR System	Step number 2 has been updated.	Change
3/14/01 - 3/21/01	3.2 Connecting to the MPR System	Step number 2 has been updated.	Change
3/14/01 - 3/21/01	LS113	The <i>Required?</i> field for Delivered has been updated.	Change
3/14/01 - 3/21/01	LS118B	The <i>Allowable Values</i> fields for Slaughtered Swine – Lowest Net Price and Slaughtered Swine – Highest Net Price have been updated.	Change
3/14/01 - 3/21/01	LS118B	The <i>Required?</i> field for Slaughtered Swine – Avg Carcass Weight has been updated.	Change
3/14/01 - 3/21/01	LS118B, LS118C, LS119B	The mutually exclusive rules section has been updated.	Change
3/14/01 - 3/21/01	LS119B	The <i>Size</i> field for Purchased Swine – Live Weight has been updated.	Change
3/1/01 - 3/14/01	2.3 Connecting to the MPR System	Step number 2 has been updated.	Change
3/1/01 - 3/14/01	3.1.1 File Naming Scheme	The fourth paragraph has been updated.	Addition
3/1/01 - 3/14/01	3.2 Connecting to the MPR System	Step number 2 has been updated.	Change
3/1/01 - 3/14/01	LS113, LS114, LS115A, LS115B, LS115C, LS116, LS117	A note has been added to these forms.	Addition
3/1/01 - 3/14/01	LS113, LS114, LS115B, LS115C, LS118B, LS118C, LS119B, LS121, LS122, LS123B, LS123C	The mutually exclusive rules section has been updated.	Change
3/1/01 - 3/14/01	LS118B	The <i>Allowable Values</i> fields for Slaughtered Swine – Average Live Weight and Slaughtered Swine – Avg Carcass Weight have been updated.	Change
3/1/01 - 3/14/01	LS118C	The <i>Allowable Values</i> field for Purchased Swine – Avg. Live Weight has been updated.	Change
3/1/01 - 3/14/01	LS113, LS114, LS118C, LS121, LS122	The sample records have been updated.	Change
1/25/01 - 3/1/01	2.1 MPR Industry Web Interface User's Guide	The title of this section has changed	Change

1/25/01 - 3/1/01	2.3.1 USDA Contact Information	The contact information has been updated.	Change
1/25/01 - 3/1/01	2.6.1 Entering Data in to a Form	At the bottom of the fourth section, an extra paragraph has been added.	Addition
1/25/01 - 3/1/01	3.2.1 USDA Contact Information	The contact information has been updated.	Change
1/25/01 - 3/1/01	3.5 Data Transfer	Definitions have been added to this section to make the examples easier to understand.	Addition
1/25/01 - 3/1/01	Appendix A: LS113	The <i>Allowable Values</i> fields for Weight Range – Low and Weight Range - High have been updated.	Change
1/25/01 - 3/1/01	Appendix A: LS113, LS114, LS121, LS122	The <i>Required?</i> field for Origin has been updated.	Change
1/25/01 - 3/1/01	Appendix A: LS113, LS115B, LS115C, LS118B, LS118C, LS119C, LS121, LS122, LS123B, LS123C, LS126	The Mutually Exclusive Field rules have been updated.	Removal
1/25/01 - 3/1/01	Appendix A: LS115B	The <i>Allowable Values</i> fields for Actual Carcass Weight Range – Low and Actual Carcass Weight Range - High have been updated.	Change
1/25/01 - 3/1/01	Appendix A: LS118B	The <i>Required?</i> field for Slaughtered Swine – Purchase Type Code, Slaughtered Swine – Base Price and Slaughtered Swine –Average Backfat have updated.	Change
1/25/01 - 3/1/01	Appendix A: LS120	The <i>Required?</i> fields for Item Numbers 11a – 15b have been updated.	Change
1/25/01 - 3/1/01	Appendix A: LS126, LS128	The <i>Required?</i> field for Branded Product Code – Quality and Branded Product Code – Yield have been updated.	Change
1/25/01 - 3/1/01	Appendix A: LS129	The <i>Size</i> fields for Est. Carcass Weight Range – Low and Est. Carcass Weight Range – High have been updated.	Change
1/25/01 - 3/1/01	Appendix C: Acquiring & Installing Client Certificates	The steps for acquiring a certificate have changed.	Change
1/5/01 - 1/25/01	2.2 System Requirements	The operating system build has changed from Windows 95 OSR 2 to Windows 95 OSR 2.1	Change

1/5/01 - 1/25/01	2.3 Connecting to the MPR System	Step number 2 has had a new screenshot and description added.	Addition
1/5/01 - 1/25/01	2.3 Connecting to the MPR System	Step number 4 has been updated.	Change
1/5/01 - 1/25/01	2.5 Downloading the PKI Client	The download and installation procedure for the PKI Client has been updated.	Change
1/5/01 - 1/25/01	2.6 Cattle, Lamb, and Swine Reporting Forms Menu	The fourth paragraph has been updated.	Change
1/5/01 - 1/25/01	2.6.2 Entering Data into a Form	In the Fourth Section – Step number 1 under the third paragraph has been updated.	Change
1/5/01 - 1/25/01	2.7 Signing and Sending the Data	Most of the entire section has been updated.	Change
1/5/01 - 1/25/01	3.1.2 The MPR File Format	The section describing the Field Order has been updated.	Change
1/5/01 - 1/25/01	3.1.2 The MPR File Format	The section describing the <i>Size</i> field has been updated.	Change
1/5/01 - 1/25/01	3.1.2 The MPR File Format	The section describing the <i>Allowable Values</i> field has been updated.	Change
1/5/01 - 1/25/01	3.2 Connecting to the MPR System	Item number 2 has had a new screenshot and description added.	Addition
1/5/01 - 1/25/01	3.2 Connecting to the MPR System	Step number 4 has been updated.	Change
1/5/01 - 1/25/01	3.4 Downloading the PKI Client	The download and installation procedure for the PKI Client has been updated.	Change
1/5/01 - 1/25/01	3.5 Data Transfer	This entire section has been updated.	Change
1/5/01 - 1/25/01	Appendix A: LS113, LS114, LS115A, LS115B, LS115C, LS118A, LS118B, LS118C, LS119A, LS119B, LS123A, LS123B, LS123C, LS124, LS126, LS128, LS129	The mutually exclusive rules have been updated.	Change
1/5/01 - 1/25/01	Appendix A: LS115C, LS123C	The <i>Allowable Values</i> field for Basis Level has been updated.	Change
1/5/01 - 1/25/01	Appendix A: LS118B	The <i>Required?</i> fields for Average Net Price, Average Live Weight, Average Sort Loss, Average Loin Depth, Average Lean Percentage have been updated.	Change

1/5/01 - 1/25/01	Appendix A: LS118B, LS118C	The <i>Allowable Values</i> field for Purchase Type Code has been updated.	Change
1/5/01 - 1/25/01	Appendix A: LS118B, LS118C, LS126	The <i>Allowable Values</i> fields have been updated.	Change / Addition
1/5/01 - 1/25/01	Appendix A: LS118C	The <i>Required?</i> fields for Average Live Weight and Base Price have been updated.	Change
1/5/01 - 1/25/01	Appendix A: LS119B	The <i>Required?</i> field for Live Weight has been updated.	Change
1/5/01 - 1/25/01	Appendix A: LS126, LS128	The <i>Required?</i> fields for Branded Product Code – Quality, and Branded Product Code – Yield have been updated.	Change
1/5/01 - 1/25/01	Appendix A: LS126	The USDA Certified Schedule Code has been added to the <i>Allowable Values</i> description.	Addition
1/5/01 - 1/25/01	Appendix C: Acquiring & Installing Client Certificates	This appendix has been updated.	Change
12/28/00 - 1/5/01	LS115C – Delivery Month	The <i>Data Type</i> field has changed from “A” to “A/N”	Change
12/28/00 - 1/5/01	LS119A – <i>Required?</i> fields	The <i>Required?</i> column has changed so that all fields are now required	Change
12/28/00 - 1/5/01	LS123C – Delivery Month	The <i>Data Type</i> field has changed from “A” to “A/N”	Change
12/18/00 - 12/28/00	Table of Contents	The TOC has been updated	Change
12/18/00 - 12/28/00	Section 1, 2, and 3 – All screenshots and images have been named.	Screenshots and images have been named. e.g. - Figure 2.6-1. This deNotes that the image is the first one from section 2.6.	Addition
12/18/00 - 12/28/00	Section 2.7 – Signing and Sending the Data	This section has been added.	Addition
12/18/00 - 12/28/00	Section 3.2 – Connecting to the MPR System	This section has had changes/additions made to it.	Change
12/18/00 - 12/28/00	LS113 – Estimated Average Weight	The <i>Maximum Size</i> field has changed from “9,999” to “9,999.9”	Change
12/18/00 - 12/28/00	LS121 - % Choice or Better	The <i>Allowable Values</i> field has been updated	Change
12/18/00 - 12/28/00	Appendix C: Acquiring, & Installing Client Certificates	This entire section has been updated	Change
		All sample records have been updated	

12/18/00 - 12/28/00	Sample Records	so the date reflects the “mmddyyyy” standard.	Change
12/12/00 - 12/18/00	2.2 - System Requirements	This section has been added	Addition
12/12/00 - 12/18/00	Section 2 - Section 2 – MPR Industry Web Interface User’s Guide	The addition of 2.2 increases the numbering of all 2.X's (after 2.2) by 1	Change
12/12/00 - 12/18/00	2.3.1 - USDA Contact Information	The contact information has been added	Addition
12/12/00 - 12/18/00	2.4.2 - Reporting Forms: Number 4	This number has been changed from "Upload Comma-Delimited Data File" to "Download PKI Client"	Change
12/12/00 - 12/18/00	2.5 - Downloading the PKI Client	This section has been added	Addition
12/12/00 - 12/18/00	2.6 - Fourth paragraph	The fourth paragraph of section 2.6 has changed	Change
12/12/00 - 12/18/00	2.6.1 - Fourth Section	The description of the Save button has been modified	Change
12/12/00 - 12/18/00	3.2 - Connection to the MPR System	The first paragraph has been modified	Change
12/12/00 - 12/18/00	3.2.1 - USDA Contact Information	The contact information has been added	Addition
12/12/00 - 12/18/00	3.3.2 - The Main Menu	This section has been completely revamped	Change
12/12/00 - 12/18/00	3.4 - Downloading the PKI Client	This section has been completely revamped	Change
12/12/00 - 12/18/00	3.5 - Data Transfer	This section has been added	Addition
12/12/00 - 12/18/00	LS118b - Sample Records	The first sample record has been changed	Change
12/12/00 - 12/18/00	LS121 - Premium Paid and Discount Paid fields	The <i>Size</i> column has been changed from "99,999" to "999.99"	Change
12/12/00 - 12/18/00	LS121 - Sample Records	The second sample record has been changed	Change
12/12/00 - 12/18/00	LS124 - Premium/Discount Weighted Average	The <i>Allowable Values</i> column has changed from "<=0 or >= 0 (Premium = Positive, Discount = Negative)" to ">=17a and <= 17b"	Change
12/12/00 - 12/18/00	LS124 - Sample Records	The first sample record has changed	Change

11/20/00 - 12/12/00	2.4 - Cattle, Swine, and Lamb Reporting Forms Menu: Last paragraph	A new sentence has been added to mention the Help menu link	Addition
11/20/00 - 12/12/00	2.4.1 - Entering Data in to a Form: Everything after the Fourth Section title	Many additions and changes have been made to section 2.4.1 after the Fourth Section title	Change / Addition
11/20/00 - 12/12/00	LS113 - Premium Paid fields	<i>Allowable Values</i> column changed from ">0" to ">=0"	Change
11/20/00 - 12/12/00	LS113 - Discount Paid fields	<i>Allowable Values</i> column changed from ">0" to "<=0"	Change
11/20/00 - 12/12/00	Allowable Values description (for all forms)	The <i>Allowable Values</i> description is now alphabetized (for all forms)	Change
11/20/00 - 12/12/00	Sample Records (for all forms)	The Sample Record changed and had more records added	Change / Addition
11/20/00 - 12/12/00	LS115a - Item Numbers 20 through 23	The <i>Required?</i> column has changed from "blank" to "Yes"	Change
11/20/00 - 12/12/00	LS116 - Packer Financing	The <i>Allowable Values</i> column changed from "Yes" to "1, 2"	Change
11/20/00 - 12/12/00	LS117 - Premium/Discount - YG 4.0 - 5.0 field	The <i>Allowable Values</i> column changed from "Yes" to "<=0 or >= 0 (Premium = Positive, Discount = Negative)"	Change
11/20/00 - 12/12/00	LS118a - Head Count fields	The <i>Required?</i> column has changed from "blank" to "Yes"	Change
11/20/00 - 12/12/00	LS118a - Head Count fields	<i>Allowable Values</i> column changed from ">0" to ">=0"	Change
11/20/00 - 12/12/00	LS121 - Discount Paid fields	<i>Allowable Values</i> column changed from ">=0" to "<=0"	Change
11/20/00 - 12/12/00	LS123a - Item Numbers 20 through 23	The <i>Required?</i> column has changed from "blank" to "Yes"	Change
11/20/00 - 12/12/00	LS123b - % Quality Grade Good	The <i>Allowable Value</i> column has changed from ">=0" to ">0 and <=100"	Change
11/20/00 - 12/12/00	LS126 - Beef Cut Description	The Livestock Form Item Label has changed from "Beef Cut – Description (if IMPS not applicable)" to "Beef Cut - Description" AND <i>Allowable Values</i> has changed from "See IMPS Code" to "blank"	Change
11/20/00 - 12/12/00	LS126 - Standardized Cut	This row has been deleted	Removal
11/20/00 -	LS126 - Item Numbers 19	The Field Order has been decreased by	Change

12/12/00	through 23	1	
11/20/00 - 12/12/00	LS126 - Branded Product Code - Quality	The Field Order has been changed to "18"	Change
11/20/00 - 12/12/00	LS128 - Beef Cut Description	The <i>Allowable Values</i> has changed from "See IMPS Code" to "blank"	Change
11/20/00 - 12/12/00	LS128 - Standardized Cut AND Trim Specification Code	These rows have been deleted	Removal
11/20/00 - 12/12/00	LS128 - Item Numbers 19 through 23b	The Field Order has been decreased by 2	Change
11/20/00 - 12/12/00	LS128 - USDA Certified Schedule Code	The <i>Required?</i> column has changed from "Yes" to "blank"	Change